

INDUSTRIAL • AUTOMOTIVE • ELECTRONICS • REFRIGERATION • ELECTRICAL

VACO®

**unconditionally
guaranteed**

**SCREW
DRIVERS**



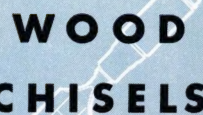
**NUT
DRIVERS**



PLIERS



**WOOD
CHISELS**



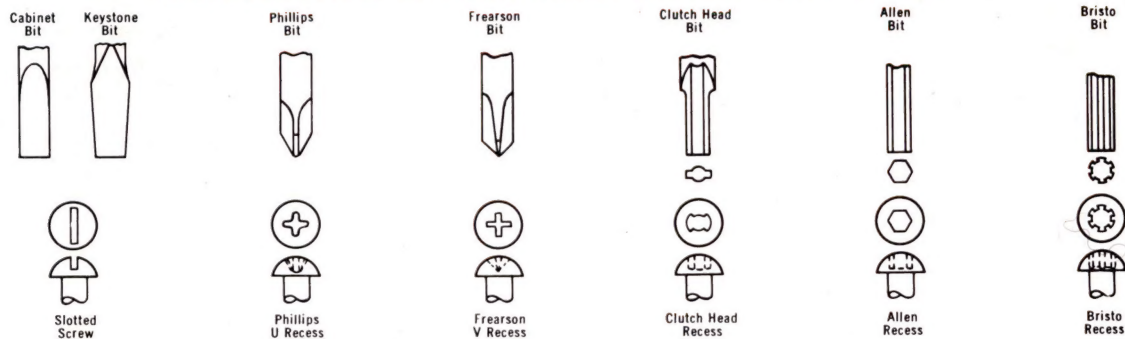
SPECIALTY TOOLS • KITS • PLASTIC MALLETS • VARI-BOARD DISPLAYS

VACO PRODUCTS COMPANY, CHICAGO 11, ILL., U.S.A.

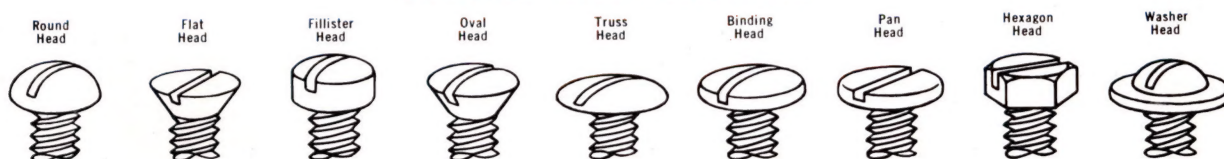


Handy Reference Diagrams

STANDARD TYPES OF SCREW DRIVER BITS AND SCREW OPENINGS

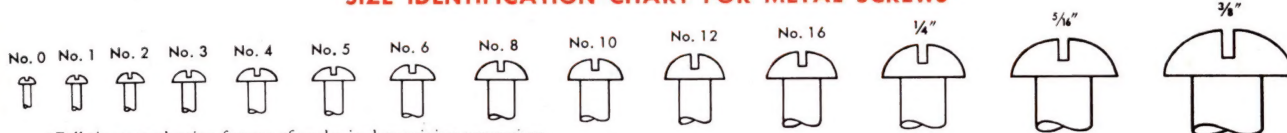


STANDARD METAL SCREW STYLES



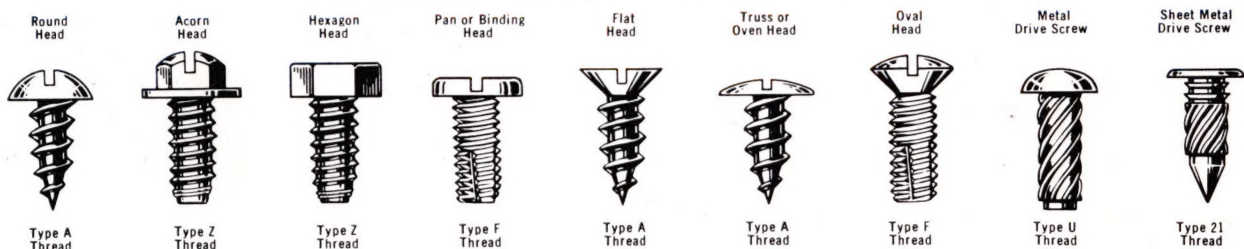
Metal screws are made in a wide variety of head styles, diameters and lengths in both brass and steel. Most head styles are available for stove bolts and machine screws in sizes 0 to 16 in numbered sizes and from $\frac{1}{4}$ " to $\frac{3}{4}$ " by sixteenths in fractional inch sizes. Common openings are: slotted, Phillips, Frearson, and Clutch Head drive.

SIZE IDENTIFICATION CHART FOR METAL SCREWS*



*Full size reproduction for use of reader in determining screw sizes by comparison of actual screw with illustrations above.

SELF-TAPPING METAL AND SHEET METAL SCREWS



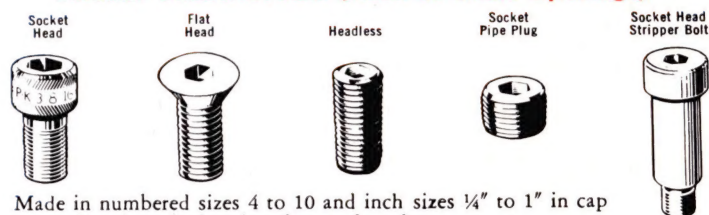
Any thread style supplied with any head style in a variety of lengths with slotted or Phillips openings in sizes No. 0 to 24.

WOOD SCREW STYLES



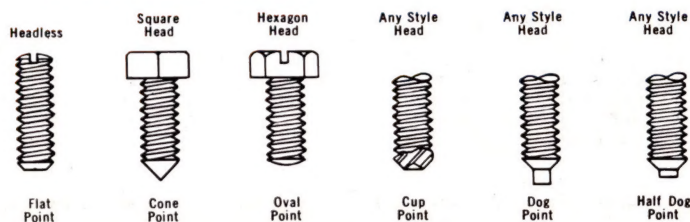
Available in a variety of diameters and lengths, sizes No. 2 to No. 18; lengths from $\frac{1}{4}$ " to 4".

SOCKET SCREW STYLES (Allen or Bristle Openings)



Made in numbered sizes 4 to 10 and inch sizes $\frac{1}{4}$ " to 1" in cap screw threads and pipe threads, any length.

SET SCREW STYLES (Head and Headless)



Set screws come in diameters from No. 4 to 1" and in lengths from $\frac{1}{8}$ " to 3" ... in headless and head styles and in point styles as shown with slotted, hexagon and splined recesses.



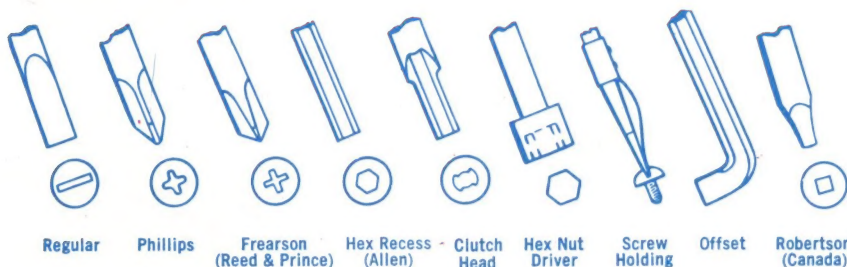
Break-Proof, Shock-Proof Screw Drivers

America's Finest Screw Drivers with Fire-Safe Plastic Handles and Chrome Vanadium Steel Blades.

Unconditionally Guaranteed!

- Made to quality standards throughout and unconditionally guaranteed, VACO screw drivers are the finest available. Their balance, strength and highly refined design permit maximum application of torque without damage to screw driver, screw, or tender palm of the hand. Comfort, ease and efficiency are designed right into VACO drivers from the Comfordome handle top all the way down to the precision ground tip. Handles are made of Amberyl® S/B® (Slo-Burn) plastic and bear the Underwriter's Laboratories Re-examination Service Marker. The Chrome Vanadium steel blades are precision tempered in electronically controlled furnaces for uniformly fine quality regardless of blade size. All VACO drivers meet or exceed U. S. Specifications GGG-S-121c and MIL-S-15713 (Ships).

All the Drivers You Need from One Source!



High, smooth Comfordome handle fits the palm of the hand perfectly.

Underwriters' Laboratories Approved

Fluted edges chamfered for comfort... assure plenty of driving torque.

Every handle designed for perfect thumb and finger grip.

Tough Chrome Vanadium steel blade perfectly tempered... plated for rust protection.

Screw driver lengths are always computed according to blade length out of the handle.

Blades precision ground for accurate fit.

THE VACO HANDLE MEETS FIRE REQUIREMENTS

VACO plastic handles are made of Amberyl®... a dense, resilient, thermo-setting material that is break-proof, shock-proof, fire-safe, non-absorbent and therefor impervious to most acids and alkalis. It has an extremely high temperature range... will not support combustion.

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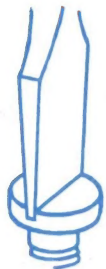
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Blade Torque and Bit Size Data

Fit the Tip to the Slot...Match the Driver to the Work

VACO TORQUE STANDARD TABLE



A GOOD FIT . . .
TIP OF BLADE JUST
FILLS THE SCREW
SLOT

A POOR FIT . . .
UNDERSIZE FIT
PERMITS DAMAGE
TO SCREW SLOT



Blade Size	Handle Size	Average Possible Torque for this Size Handle in Inch Pounds	Minimum Required U. S. Standards Torsional Moment Inch Pounds	Vaco Average Failure Point† Inch Pounds
	Dia. Length			
3/32" Round	1/2" x 2 1/2"	5	4	6
1/8" Round	3/4" x 3"	11	6	12
3/32" Round	3/4" x 3"	15	18	30
3/16" Round	7/8" x 3 1/2"	35	25	50
3/16" Square	7/8" x 3 1/2"	35	25	65
1/4" Round	1" x 3 3/8"	45	60	80
1/4" Square	1" x 3 3/8"	45	60	90
5/16" Round	1 1/16" x 4"	60	90	180
5/16" Square	1 1/8" x 4 1/4"	65	90	190
3/8" Round	1 1/8" x 4 1/4"	80	180	270
3/8" Square	1 3/16" x 4 1/2"	90	180	290
7/16" Square	1 1/4" x 5 1/4"	105	250	300
1/2" Square	1 1/2" x 7 1/2"	210	350	450
9/16" Square	1 1/2" x 7 1/2"	210	350	850

†These are average figures based on a large number of tests.

Torque standards in inch pounds have long been established for screw driver points. These standards are used by government agencies and other users as a measurement of quality or utility. All screw drivers measuring up to these standards can be classified as good tools. The measurements referred to here are calculated to exceed any limits of strain which it is possible to develop, even where the user is exceptionally strong. It is VACO's aim to exceed all such standards wherever possible . . . never to drop below. For your guidance, the table above lists the average results of many thousands of tests made on VACO tools.

VACO BIT SIZE STANDARDS

Screw Number	Max. Dia. of Screw Body Below Head	Max. Dia. of Head Flat and Oval	Max. Dia. of Head Round	Width of Slot		Dia. of Screw Driver Blade Recommended	Standard Thickness Screw Driver Bit at Point†	Decimal Equivalents Blade Size
				Min.	Max.			
0	.060	.119	.113	.023	.016	3/32"	.015	3/32"=.0937
1	.073	.146	.138	.026	.019	3/32"	.015	
2	.086	.172	.162	.031	.023	1/8"	.020	1/8"=.1250
3	.099	.199	.187	.035	.027	1/8"	.020	
4	.112	.225	.211	.039	.031	1/8"	.020	
5	.125	.252	.236	.043	.036	1/8"-3/32"	.020-.025	3/32"=.1562
6	.138	.279	.260	.048	.039	3/32"-3/16"	.025-.030	3/16"=.1875
7	.151	.305	.285	.048	.039	3/16"	.030	
8	.164	.332	.309	.054	.045	3/16"	.030	
9	.177	.358	.334	.054	.045	3/16"	.030	
10	.190	.385	.359	.060	.050	1/4"	.037	1/4"=.250
12	.216	.438	.408	.067	.056	1/4"-3/16"	.037-.042	3/16"=.3125
14	.242	.491	.457	.075	.064	3/16"	.042	
16	.268	.544	.506	.075	.064	3/16"-3/8"	.042-.050	3/8"=.375
18	.294	.597	.555	.084	.072	3/8"	.050	
20	.320	.650	.604	.084	.072	3/8"-7/16"	.050-.058	7/16"=.4375
24	.372	.756	.702	.094	.081	7/16"	.058	
7/16"	.437	.812	.750	.094	.081	1/2"	.070	1/2"=.500
1/2"	.500	.875	.812	.106	.091	1/2"-9/16"	.070-.080	9/16"=.5625
9/16"	.562	1.000	.937	.118	.102	9/16"	.080	

†Permissible Tolerances—Plus .004, Minus .004

VACO bit size standards follow U. S. government standards as shown in screw driver specifications in GGG-S-121c August 20, 1953. These specifications, in turn, are determined by screw slot standards established by the Bureau of Standards and followed by all screw manufacturers. Since there is a fairly wide range between maximums and minimums permitted, the screw driver bit width must be a compromise. The various ranges are shown in the accompanying table, together with Federal standards of bit thicknesses translated into decimals. These figures will assist the mechanic and user in selecting the proper size driver for every size screw, and to determine the number or size of all screws by reference to these simple measurements. All sizes of screws may be determined by measurement and reference to this table.

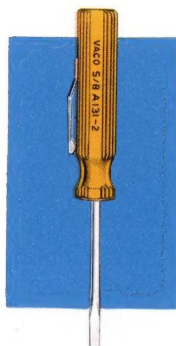


Round Blade Screw Drivers

Famous for Balance, Durability and "Feel"

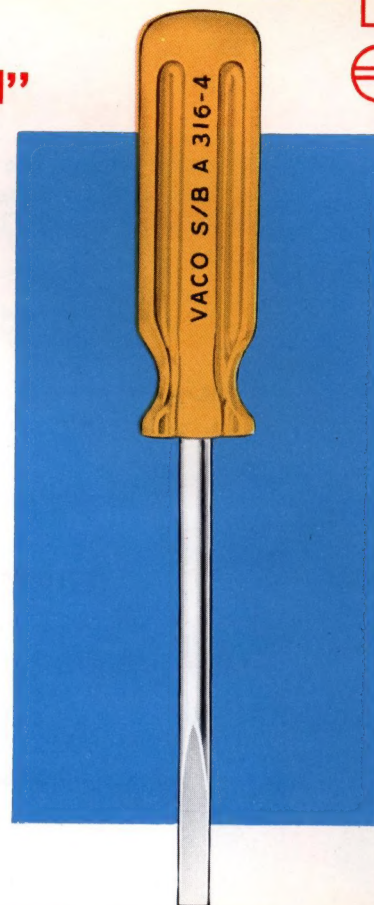
These beautifully designed electrician, electronic and cabinet type screw drivers are engineered to have exactly that "right feel" skilled craftsmen demand and ample strength for rough, tough use.







Handles are of VACO Amberyl® and carry the Underwriters' Laboratory Reexamination Service Marker . . . your positive assurance of protection against fire hazard. Blades are tough, durable S.A.E. 6150 Chrome Vanadium steel, electrically heat treated and oil tempered for the utmost in strength. VACO round blade screw drivers are offered in 28 different sizes . . . all unconditionally guaranteed.



Pocket Clip Screw Drivers

These handy little screw drivers are available in 9 sizes and are fitted with clips for easy accessibility. They have standard VACO Amberyl® handles and fine tool steel blades carefully heat treated and tempered for maximum strength and service. Handles are cupped on top for finger guide on precision work.



Style	Stock Number	Handle Diameter and Length	Blade Diameter and Length	Overall Length	Shelf Package	Weight per Doz.
 Pocket Clip $\frac{3}{32}$ " and $\frac{1}{8}$ " Blades	A 010	$1\frac{1}{32}" \times 1\frac{3}{4}"$	$\frac{3}{32}" \times 1\frac{3}{8}"$	$3\frac{1}{8}"$	12	4 oz.
	A 230-2	$1\frac{1}{32}" \times 1\frac{3}{4}"$	$\frac{1}{8}" \times 2"$	$3\frac{3}{4}"$	12	5 oz.
	A 130-2	$\frac{1}{2}" \times 1\frac{7}{8}"$	$\frac{1}{8}" \times 2"$	$3\frac{7}{8}"$	12	6 oz.
	A 130-3	$\frac{1}{2}" \times 1\frac{7}{8}"$	$\frac{1}{8}" \times 3"$	$4\frac{1}{8}"$	12	8 oz.
	A 116-2	$\frac{1}{2}" \times 2\frac{1}{2}"$	$\frac{3}{32}" \times 2"$	$4\frac{1}{2}"$	12	6 oz.
	A 116-3	$\frac{1}{2}" \times 2\frac{1}{2}"$	$\frac{3}{32}" \times 3"$	$5\frac{1}{2}"$	12	7 oz.
	A 116-4	$\frac{1}{2}" \times 2\frac{1}{2}"$	$\frac{3}{32}" \times 4"$	$6\frac{1}{2}"$	12	7 oz.
	A 131-2	$\frac{1}{2}" \times 2\frac{1}{2}"$	$\frac{1}{8}" \times 2"$	$4\frac{1}{2}"$	12	8 oz.
	A 131-3	$\frac{1}{2}" \times 2\frac{1}{2}"$	$\frac{1}{8}" \times 3"$	$5\frac{1}{2}"$	12	8 oz.
 $\frac{1}{8}$ " Blades	A 216-2	$\frac{5}{8}" \times 2\frac{3}{4}"$	$\frac{1}{8}" \times 2"$	$4\frac{3}{4}"$	6	8 oz.
	A 216-3	$\frac{5}{8}" \times 2\frac{3}{4}"$	$\frac{1}{8}" \times 3"$	$5\frac{3}{4}"$	6	10 oz.
	A 216-4	$\frac{5}{8}" \times 2\frac{3}{4}"$	$\frac{1}{8}" \times 4"$	$6\frac{3}{4}"$	6	10 oz.
	A 216-6	$\frac{5}{8}" \times 2\frac{3}{4}"$	$\frac{1}{8}" \times 6"$	$8\frac{3}{4}"$	6	13 oz.
	A 216-8	$\frac{5}{8}" \times 2\frac{3}{4}"$	$\frac{1}{8}" \times 8"$	$10\frac{3}{4}"$	6	14 oz.
	A 216-10	$\frac{5}{8}" \times 2\frac{3}{4}"$	$\frac{1}{8}" \times 10"$	$12\frac{3}{4}"$	6	1 lb.
 $\frac{3}{16}$ " Blades	A 316-3	$\frac{7}{8}" \times 3\frac{1}{2}"$	$\frac{3}{16}" \times 3"$	$6\frac{1}{2}"$	6	1 lb. 6 oz.
	A 316-4	$\frac{7}{8}" \times 3\frac{1}{2}"$	$\frac{3}{16}" \times 4"$	$7\frac{1}{2}"$	6	1 lb. 8 oz.
	A 316-5	$\frac{7}{8}" \times 3\frac{1}{2}"$	$\frac{3}{16}" \times 5"$	$8\frac{1}{2}"$	6	1 lb. 10 oz.
	A 316-6	$\frac{7}{8}" \times 3\frac{1}{2}"$	$\frac{3}{16}" \times 6"$	$9\frac{1}{2}"$	6	1 lb. 10 oz.
	A 316-8	$\frac{7}{8}" \times 3\frac{1}{2}"$	$\frac{3}{16}" \times 8"$	$11\frac{1}{2}"$	6	2 lbs.
	A 316-10	$\frac{7}{8}" \times 3\frac{1}{2}"$	$\frac{3}{16}" \times 10"$	$13\frac{1}{2}"$	6	2 lbs. 2 oz.
 $\frac{1}{4}$ " Blades	A 416-3	$1" \times 3\frac{5}{8}"$	$\frac{1}{4}" \times 3"$	$6\frac{5}{8}"$	6	2 lbs. 1 oz.
	A 416-4	$1" \times 3\frac{5}{8}"$	$\frac{1}{4}" \times 4"$	$7\frac{5}{8}"$	6	2 lbs. 4 oz.
	A 416-5	$1" \times 3\frac{5}{8}"$	$\frac{1}{4}" \times 5"$	$8\frac{5}{8}"$	6	2 lbs. 7 oz.
	A 416-6	$1" \times 3\frac{5}{8}"$	$\frac{1}{4}" \times 6"$	$9\frac{5}{8}"$	6	2 lbs. 9 oz.
	A 416-8	$1" \times 3\frac{5}{8}"$	$\frac{1}{4}" \times 8"$	$11\frac{5}{8}"$	6	3 lbs.
	A 416-10	$1" \times 3\frac{5}{8}"$	$\frac{1}{4}" \times 10"$	$13\frac{5}{8}"$	6	3 lbs. 6 oz.
 $\frac{5}{16}$ " Blades	A 516-4	$1\frac{1}{16}" \times 4"$	$\frac{5}{16}" \times 4"$	8"	6	3 lbs.
	A 516-5	$1\frac{1}{16}" \times 4"$	$\frac{5}{16}" \times 5"$	9"	6	3 lbs. 6 oz.
	A 516-6	$1\frac{1}{16}" \times 4"$	$\frac{5}{16}" \times 6"$	10"	6	3 lbs. 12 oz.
	A 516-8	$1\frac{1}{16}" \times 4"$	$\frac{5}{16}" \times 8"$	12"	6	4 lbs. 4 oz.
	A 516-10	$1\frac{1}{16}" \times 4\frac{1}{4}"$	$\frac{5}{16}" \times 10"$	$14\frac{1}{4}"$	6	4 lbs. 15 oz.
	A 516-12	$1\frac{1}{16}" \times 4\frac{1}{4}"$	$\frac{5}{16}" \times 12"$	$16\frac{1}{4}"$	3	5 lbs. 10 oz.
 $\frac{3}{8}$ " Blades	A 616-6	$1\frac{1}{8}" \times 4\frac{1}{4}"$	$\frac{3}{8}" \times 6"$	$10\frac{1}{4}"$	6	5 lbs. 4 oz.
	A 616-8	$1\frac{1}{8}" \times 4\frac{1}{4}"$	$\frac{3}{8}" \times 8"$	$12\frac{1}{4}"$	6	5 lbs. 8 oz.
	A 616-10	$1\frac{3}{16}" \times 4\frac{1}{2}"$	$\frac{3}{8}" \times 10"$	$14\frac{1}{2}"$	6	6 lbs. 14 oz.
	A 616-12	$1\frac{3}{16}" \times 4\frac{1}{2}"$	$\frac{3}{8}" \times 12"$	$16\frac{1}{2}"$	3	7 lbs. 10 oz.

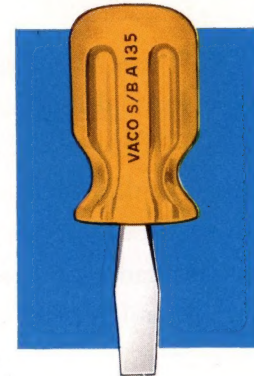


Stubbies and Shorties

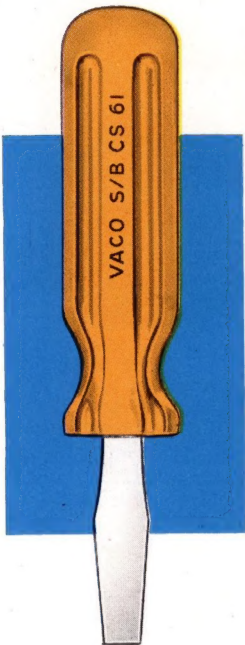


Stubbies...for Working in Tight Places

■ VACO Stubbies are among the most useful of all screw drivers. The sizes shown in the table are specifically designed to tighten or loosen slotted head screws where there is very little hand room. These drivers have Amberyl® handles and Chrome Vanadium steel blades.



Stock Number	Handle Diameter and Length	Blade Diameter and Length	Overall Length	Shelf Package	Weight per Doz.
A 132	1 1/8" x 1 3/4"	1/4" x 1 1/4"	3"	6	1 lb. 2 oz.
A 135	1 1/4" x 2 1/8"	5/16" x 1 3/4"	3 7/8"	6	1 lb. 12 oz.



Shorties...for Power in Close Quarters

Shorties are powerful drivers for close quarter work. They are ideal for precise settings by gunsmiths, automotive mechanics, locksmiths, armorers, millwrights, instrument workers, die setters, etc. It is in applications such as these that the tough, hard, Chrome Vanadium steel blades and big, strong, Amberyl® handles found on all VACO drivers are especially desirable. A complete set of Shorties is indispensable for efficiency in many shop and professional operations.

Stock Number	Handle Diameter and Length	Blade Diameter and Length	Overall Length	Shelf Package	Weight per Doz.
CS 11†	5/8" x 2 3/4"	1/8" x 1"	3 3/4"	6	8 oz.
CS 21	3/4" x 3"	5/32" x 1 1/8"	4 1/8"	6	12 oz.
CS 31†	7/8" x 3 1/2"	3/16" x 1 1/4"	4 3/4"	6	1 lb. 6 oz.
CS 41†	1" x 3 5/8"	1/4" x 1 1/2"	5 1/8"	6	2 lbs.
CS 51†	1 1/16" x 4"	5/16" x 1 3/4"	5 3/4"	6	2 lbs. 12 oz.
CS 61†	1 1/8" x 4 1/4"	3/8" x 2"	6 1/4"	6	3 lbs. 8 oz.
CS 71†	1 3/16" x 4 1/2"	7/16" x 2 1/2"	7"	6	5 lbs.

† Square Blades

VACO Vari-Board® Shelves for Round Blade Screw Drivers

These shelves, for use with Vari-Board backgrounds or by themselves with VACO shelf brackets offer a complete and varied assortment of all popular VACO round blade screw drivers.

SHELF NO. 4

Quan.	Stock No.	Description
6	A 216-4	1/8" x 4" Round
6	A 216-6	1/8" x 6" Round
6	A 316-4	3/16" x 4" Round
6	A 316-6	3/16" x 6" Round
6	A 416-4	1/4" x 4" Round
6	A 416-6	1/4" x 6" Round
3	A 516-6	5/16" x 6" Round
3	A 516-8	5/16" x 8" Round

42 Screw Drivers
Weight, 7 1/2 lbs.

SHELF NO. 5

Quan.	Stock No.	Description
6	A 316-4	3/16" x 4" Round
6	A 316-6	3/16" x 6" Round
6	A 416-4	1/4" x 4" Round
6	A 416-6	1/4" x 6" Round
3	C 44	1/4" x 4" Square
3	C 46	1/4" x 6" Square
3	C 56	5/16" x 6" Square
3	C 58	5/16" x 8" Square

36 Screw Drivers
Weight, 8 1/2 lbs.

SHELF NO. 7

Quan.	Stock No.	Description
3	A 516-8	5/16" x 8" Round
6	A 416-6	1/4" x 6" Round
6	A 416-4	1/4" x 4" Round
6	A 316-8	3/16" x 8" Round
6	A 316-6	3/16" x 6" Round
6	A 316-4	3/16" x 4" Round
6	A 216-8	1/8" x 8" Round
6	A 216-6	1/8" x 6" Round
6	A 216-4	1/8" x 4" Round

51 Screw Drivers
Weight, 7 3/4 lbs.



See Pages 34-39 for Complete Vari-Board Information



Square Blade Screw Drivers

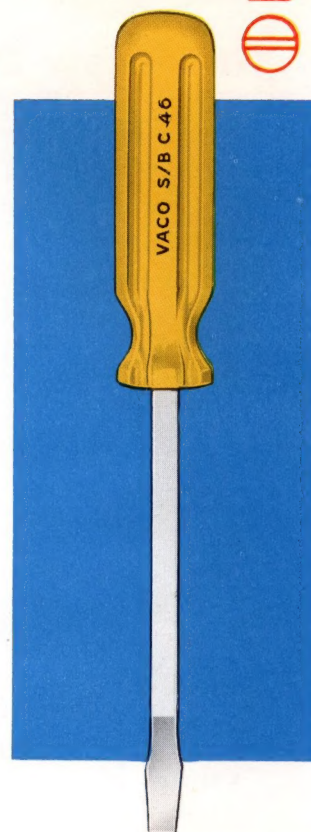
25% More Steel Means Extra Strength





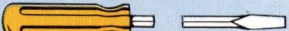


■ Specify square blade VACO screw drivers wherever tools get extra heavy use! This applies particularly to automotive, millwright, railroad or heavy machinery and industrial uses. VACO square blade screw drivers get their *extra* blade strength from the *square* shape of the blade, in addition to the fact that they are forged from Chrome Vanadium steel. VACO square blade screw drivers also have break-proof, shock-proof, fire-safe Amberyl® handles, except for CW style drivers which have Double-Grip hardwood handles. Comparison of the cross sections of round and square blade drivers (illustrated at right) quickly shows that square blades have approximately 25% more steel.



The CW Style Double-Grip Screw Driver

In certain types of heavy screw driving maximum screw driver torque is required. For example, in diesel work it is often necessary to work in confined places where large screws must be tightened by hand. The CW handle provides the required torque since it allows the use of *both* hands at the same time.



Style	Stock Number	Handle Diameter and Length	Blade Diameter and Length	Overall Length	Shelf Package	Weight per Doz.
 1/8" Blades	†C 22	5/8" x 2 3/4"	1/8" x 2"	4 3/4"	6	14 oz.
	C 23	5/8" x 2 3/4"	1/8" x 3"	5 3/4"	6	1 lb.
	C 24	5/8" x 2 3/4"	1/8" x 4"	6 3/4"	6	1 lb.
	C 26	5/8" x 2 3/4"	1/8" x 6"	8 3/4"	6	1 lb. 2 oz.
	C 28	5/8" x 2 3/4"	1/8" x 8"	10 3/4"	6	1 lb. 4 oz.
 3/16" Blades	C 33	7/8" x 3 1/2"	3/16" x 3"	6 1/2"	6	1 lb. 8 oz.
	C 34	7/8" x 3 1/2"	3/16" x 4"	7 1/2"	6	1 lb. 10 oz.
	C 36	7/8" x 3 1/2"	3/16" x 6"	9 1/2"	6	1 lb. 14 oz.
	C 38	7/8" x 3 1/2"	3/16" x 8"	11 1/2"	6	2 lbs. 2 oz.
	C 310	7/8" x 3 1/2"	3/16" x 10"	13 1/2"	6	2 lbs. 12 oz.
 1/4" Blades	C 43	1" x 3 3/8"	1/4" x 3"	6 5/8"	6	2 lbs. 4 oz.
	C 44	1" x 3 3/8"	1/4" x 4"	7 5/8"	6	2 lbs. 8 oz.
	C 46	1" x 3 3/8"	1/4" x 6"	9 5/8"	6	2 lbs. 14 oz.
	C 48	1" x 3 3/8"	1/4" x 8"	11 5/8"	6	3 lbs. 8 oz.
	C 410	1" x 3 3/8"	1/4" x 10"	13 5/8"	6	4 lbs.
	C 414	1 1/16" x 4"	1/4" x 14"	18"	6	5 lbs. 2 oz.
 5/16" Blades	†C 426	1 1/16" x 4"	1/4" x 26"	30"	6	8 lbs. 14 oz.
	C 54	1 1/8" x 4 1/4"	5/16" x 4"	8 1/4"	6	3 lbs. 10 oz.
	C 56	1 1/8" x 4 1/4"	5/16" x 6"	10 1/4"	6	4 lbs. 4 oz.
	C 58	1 1/8" x 4 1/4"	5/16" x 8"	12 1/4"	6	5 lbs.
	C 510	1 1/8" x 4 1/4"	5/16" x 10"	14 1/4"	6	5 lbs. 8 oz.
	C 512	1 1/8" x 4 1/4"	5/16" x 12"	16 1/4"	3	6 lbs. 10 oz.
	C 516	1 3/16" x 4 1/2"	5/16" x 16"	20 1/2"	3	7 lbs. 2 oz.
 3/8" Blades	C 66	1 3/16" x 4 1/2"	3/8" x 6"	10 1/2"	6	6 lbs.
	C 68	1 3/16" x 4 1/2"	3/8" x 8"	12 1/2"	6	6 lbs. 12 oz.
	C 610	1 3/16" x 4 1/2"	3/8" x 10"	14 1/2"	6	7 lbs. 14 oz.
	C 612	1 3/16" x 4 1/2"	3/8" x 12"	16 1/2"	3	9 lbs.
	C 616	1 1/4" x 5 1/4"	3/8" x 16"	21 1/4"	3	11 lbs. 4 oz.
	C 620	1 1/4" x 5 1/4"	3/8" x 20"	25 1/4"	3	13 lbs. 14 oz.
 7/16" Blades	C 78	1 1/4" x 5 1/4"	7/16" x 8"	13 1/4"	6	9 lbs. 2 oz.
	C 710	1 1/4" x 5 1/4"	7/16" x 10"	15 1/4"	6	10 lbs. 10 oz.
	C 712	1 1/4" x 5 1/4"	7/16" x 12"	17 1/4"	3	12 lbs. 6 oz.
	C 716	1 1/4" x 5 1/4"	7/16" x 16"	21 1/4"	3	14 lbs. 4 oz.
 1/2" and 9/16" Blades	CW 814	1 1/2" x 9"	1/2" x 14"	23"	1	24 lbs.
	CW 818	1 1/2" x 9"	1/2" x 18"	27"	1	25 lbs. 8 oz.
	CW 824	1 1/2" x 9"	1/2" x 24"	33"	1	27 lbs.
	CW 918	1 1/2" x 9"	9/16" x 18"	27"	1	31 lbs. 8 oz.
	CW 924	1 1/2" x 9"	9/16" x 24"	33"	1	36 lbs.

†Has Pocket Clip; ‡For Water Pump and Hose Connections on Late Model Automobiles

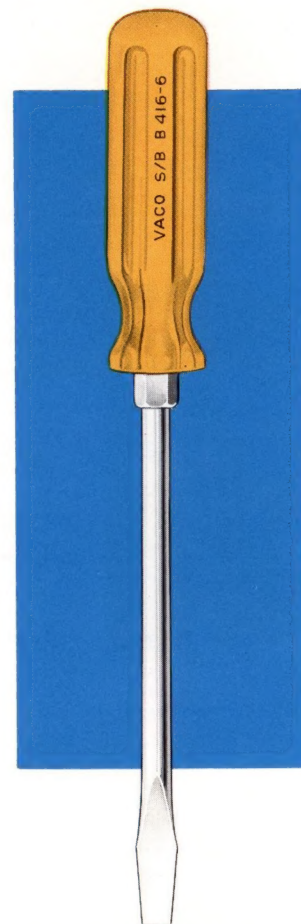


Bolster Type Screw Drivers

The Screw Driver with the Sturdy Handle Support

■ The shank and shoulder (bolster) of this rugged screw driver are forged from one piece of tough, Chrome Vanadium steel. The shoulder serves to support the VACO Amberyl® handle so that the life of the driver is greatly lengthened even under conditions of hard usage. A forged hex on the round shank below the bolster on $\frac{1}{4}$ ", $\frac{5}{16}$ ", and $\frac{3}{8}$ " blades permits the use of a wrench for additional leverage when setting or loosening screws. The VACO Bolster Round Blade screw driver is recommended for every kind of heavy duty application.

Stock Number	Handle Diameter and Length	Blade Diameter and Length	Overall Length	Shelf Package	Weight per Doz.
B 216-6	$\frac{5}{8}$ " x 2 $\frac{3}{4}$ "	$\frac{1}{8}$ " x 6"	8 $\frac{3}{4}$ "	6	17 oz.
B 216-8	$\frac{5}{8}$ " x 2 $\frac{3}{4}$ "	$\frac{1}{8}$ " x 8"	10 $\frac{3}{4}$ "	6	18 oz.
B 216-10	$\frac{5}{8}$ " x 2 $\frac{3}{4}$ "	$\frac{1}{8}$ " x 10"	12 $\frac{3}{4}$ "	6	1 lb. 4 oz.
B 316-6	$\frac{7}{8}$ " x 3 $\frac{1}{2}$ "	$\frac{3}{16}$ " x 6"	9 $\frac{1}{2}$ "	6	2 lbs. 2 oz.
B 316-8	$\frac{7}{8}$ " x 3 $\frac{1}{2}$ "	$\frac{3}{16}$ " x 8"	11 $\frac{1}{2}$ "	6	2 lbs. 8 oz.
B 316-10	$\frac{7}{8}$ " x 3 $\frac{1}{2}$ "	$\frac{3}{16}$ " x 10"	13 $\frac{1}{2}$ "	6	2 lbs. 10 oz.
B 416-6	1" x 3 $\frac{5}{8}$ "	$\frac{1}{4}$ " x 6"	9 $\frac{5}{8}$ "	6	3 lbs.
B 416-8	1" x 3 $\frac{5}{8}$ "	$\frac{1}{4}$ " x 8"	11 $\frac{5}{8}$ "	6	3 lbs. 8 oz.
B 416-10	1" x 3 $\frac{5}{8}$ "	$\frac{1}{4}$ " x 10"	13 $\frac{5}{8}$ "	6	3 lbs. 14 oz.
B 516-6	1 $\frac{1}{16}$ " x 4"	$\frac{5}{16}$ " x 6"	10"	6	4 lbs. 4 oz.
B 516-8	1 $\frac{1}{16}$ " x 4"	$\frac{5}{16}$ " x 8"	12"	6	4 lbs. 12 oz.
B 516-10	1 $\frac{1}{16}$ " x 4"	$\frac{5}{16}$ " x 10"	14"	6	5 lbs. 8 oz.
B 516-12	1 $\frac{1}{8}$ " x 4 $\frac{1}{4}$ "	$\frac{5}{16}$ " x 12"	16 $\frac{1}{4}$ "	6	6 lbs. 2 oz.
B 616-8	1 $\frac{1}{8}$ " x 4 $\frac{1}{4}$ "	$\frac{3}{8}$ " x 8"	12 $\frac{1}{4}$ "	3	6 lbs.
B 616-10	1 $\frac{3}{16}$ " x 4 $\frac{1}{2}$ "	$\frac{3}{8}$ " x 10"	14 $\frac{1}{2}$ "	3	7 lbs. 8 oz.
B 616-12	1 $\frac{3}{16}$ " x 4 $\frac{1}{2}$ "	$\frac{3}{8}$ " x 12"	16 $\frac{1}{2}$ "	3	8 lbs. 4 oz.



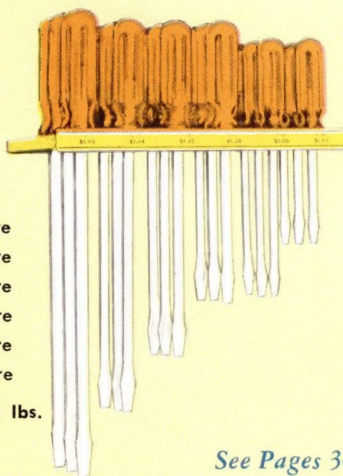
VACO Vari-Board® Shelves for Square Blade Screw Drivers

Tailor your VACO Vari-Board screw driver display to *your* special requirements by using VACO shelves adapted to local demand. Shelf No. 1 below features a limited, popular all-square shank selection. Shelf No. 5 includes a selection of smaller square shank sizes plus a popular selection of round blade drivers. See Vari-Board section of this catalog for other screw driver types.

SHELF NO. 1 Square Blade Only

Quan.	Stock No.	Description
3	C 612	$\frac{3}{8}$ " x 12" Square
3	C 510	$\frac{5}{16}$ " x 10" Square
3	C 58	$\frac{5}{16}$ " x 8" Square
3	C 56	$\frac{5}{16}$ " x 6" Square
3	C 46	$\frac{1}{4}$ " x 6" Square
3	C 44	$\frac{1}{4}$ " x 4" Square

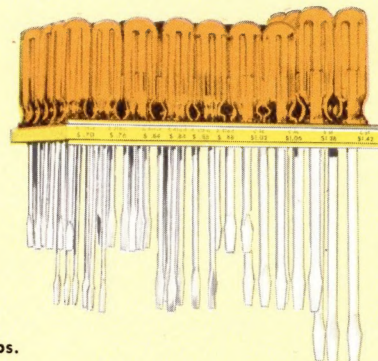
18 Screw Drivers. Weight 8 $\frac{1}{2}$ lbs.



SHELF NO. 5 Square and Round

Quan.	Stock No.	Description
6	A 316-4	$\frac{3}{16}$ " x 4" Round
6	A 316-6	$\frac{3}{16}$ " x 6" Round
6	A 416-4	$\frac{1}{4}$ " x 4" Round
6	A 416-6	$\frac{1}{4}$ " x 6" Round
3	C 44	$\frac{1}{4}$ " x 4" Square
3	C 46	$\frac{1}{4}$ " x 6" Square
3	C 56	$\frac{5}{16}$ " x 6" Square
3	C 58	$\frac{5}{16}$ " x 8" Square

36 Screw Drivers. Weight 8 $\frac{1}{2}$ lbs.



See Pages 34-39 for Complete Vari-Board Information

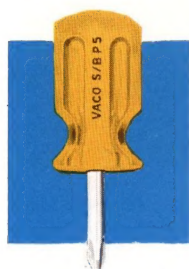


Phillips[†] Screw Drivers

A Quality Line for All Phillips Screws

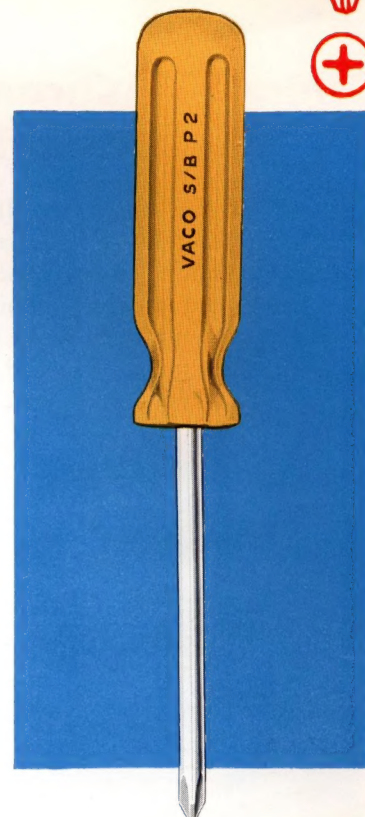
■ Phillips cross slot screws are now in such wide use that no set of tools is complete without a selection of screw drivers to fit all Phillips screw sizes. For the finest in this type of screw driver choose VACO . . . a complete line of genuine Phillips[†] made with the finest quality, precision-milled, oil tempered Chrome Vanadium steel blades obtainable . . . and equipped with VACO break-proof, shock-proof, fire-safe plastic handles.

POINT SIZES



Pocket Clips and Stubbies, Too

In addition to the broad selection of conventional size Phillips screw drivers, VACO also offers a choice of pocket and stubby styles for light work and work in close quarters. All blades and bits are made to VACO quality standards in every detail.



Stock Number	Point Number	Handle Diameter and Length	Blade Diameter and Length	Overall Length	Takes Screw Number	Shelf Package	Weight per Doz.
P 01	0	$\frac{3}{8}$ " x $2\frac{3}{4}$ "	$\frac{1}{8}$ " x $2\frac{1}{2}$ "	$5\frac{1}{4}$ "	0—1	6	8 oz.
P 1	1	$\frac{7}{8}$ " x $3\frac{1}{2}$ "	$\frac{3}{16}$ " x 3"	$6\frac{1}{2}$ "	2 to 4	6	1 lb. 6 oz.
P 2	2	1" x $3\frac{5}{8}$ "	$\frac{1}{4}$ " x 4"	$7\frac{5}{8}$ "	5 to 10	6	2 lbs. 4 oz.
P 3	3	$1\frac{1}{16}$ " x 4"	$\frac{5}{16}$ " x 6"	10"	12 to 16	6	3 lbs. 12 oz.
P 4	4	$1\frac{3}{16}$ " x $4\frac{1}{2}$ "	$\frac{3}{8}$ " x 8"	$12\frac{1}{2}$ "	18 and larger	6	6 lbs. 4 oz.
P 5 (Stubby)	2	$1\frac{1}{4}$ " x $2\frac{1}{8}$ "	$\frac{1}{4}$ " x $1\frac{3}{4}$ "	$3\frac{7}{8}$ "	5 to 10	6	1 lb. 8 oz.
P 6 (Stubby)	1	$1\frac{1}{8}$ " x $1\frac{3}{4}$ "	$\frac{3}{16}$ " x $1\frac{1}{4}$ "	3"	2 to 4	6	1 lb.
P 12 (Pocket Clip)	0	$\frac{1}{2}$ " x $2\frac{1}{2}$ "	$\frac{1}{8}$ " x $2\frac{1}{2}$ "	5"	0—1	6	8 oz.

EXTRA LONG BLADE PHILLIPS SCREW DRIVERS

P 18	1	$\frac{7}{8}$ " x $3\frac{1}{2}$ "	$\frac{3}{16}$ " x 8"	$11\frac{1}{2}$ "	2 to 4	6	2 lbs.
P 28	2	1" x $3\frac{5}{8}$ "	$\frac{1}{4}$ " x 8"	$11\frac{5}{8}$ "	5 to 10	6	3 lbs.
P 38	3	$1\frac{1}{16}$ " x 4"	$\frac{5}{16}$ " x 8"	12"	12 to 16	6	4 lbs. 6 oz.
P 212	2	1" x $3\frac{5}{8}$ "	$\frac{1}{4}$ " x 12"	$15\frac{5}{8}$ "	5 to 10	6	3 lbs. 8 oz.
P 312	3	$1\frac{3}{16}$ " x $4\frac{1}{2}$ "	$\frac{5}{16}$ " x 12"	$16\frac{1}{2}$ "	12 to 16	6	5 lbs. 10 oz.
P 416	4	$1\frac{1}{4}$ " x $5\frac{1}{4}$ "	$\frac{3}{8}$ " x 16"	$21\frac{1}{4}$ "	18 and larger	3	10 lbs. 8 oz.

See Pages 22-25 for Interchangeable Type Phillips Blades



Phillips[†] Offset Screw Drivers

Made of Chrome Vanadium Steel for Strength and Long Life

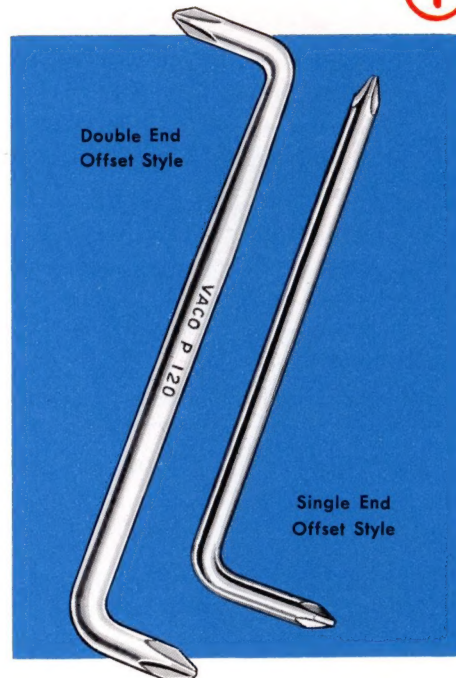
VACO's selection of five different sizes of Phillips Offset screw drivers provides the mechanic with the exact screw driver he needs for working in confined areas. The choice of double end or single end styles offers him one style (single end) which he can use as a straight driver if necessary. All are precision made of tough, oil tempered S.A.E. 6150 Chrome Vanadium steel for accurate fit, maximum strength and long life.

DOUBLE END

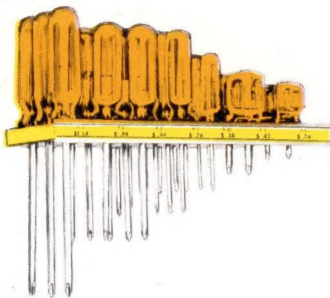
Stock Number	Point Sizes on Ends	Diameter		Offset Length		Overall Length	Shelf Package	Weight per Doz.
		Small End	Large End	Small End	Large End			
P 120	No. 1 and No. 2	3/16"	1/4"	3/4"	7/8"	4 3/4"	6	12 oz.
P 230	No. 2 and No. 3	1/4"	5/16"	7/8"	1 1/16"	5 1/2"	6	1 lb. 12 oz.
P 340	No. 3 and No. 4	5/16"	3/8"	1 1/16"	1 5/16"	6"	6	2 lbs. 12 oz.

SINGLE END

P 111	No. 1—Both Ends	3/16"		1"		3 1/4"	6	8 oz.
P 222	No. 2—Both Ends	1/4"		1 1/8"		4"	6	14 oz.



VACO Vari-Board[®] Shelves for Phillips Screw Drivers



See Pages 34-49 for Complete Vari-Board Information

SHELF No. 2

Phillips Screw Drivers

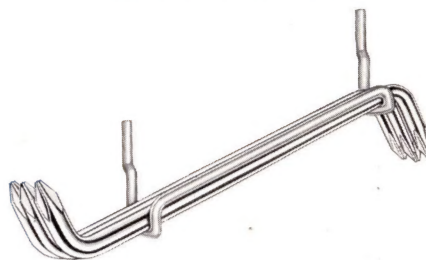
Quan.	Stock No.	Description
3	P 3	#3 Phillips
6	P 2	#2 Phillips
6	P 1	#1 Phillips
6	P 01	#0 Phillips
3	P 5	#2 Stubby Phillips
3	P 6	#1 Stubby Phillips
27 Screw Drivers. Weight 4 lbs.		

SHELF No. 9

Specials

Quan.	Stock No.	Description
3	A 132	1/4"x1 1/4" Stubby
3	P 5	#2 Stubby Phillips
3	P 6	#1 Stubby Phillips
6	P 01	#0 Phillips
6	P 1	#1 Phillips
6	P 2	#2 Phillips
3	DUH 4	Reversible
6	DU 2	Reversible
36 Screw Drivers. Weight 5 1/2 lbs.		

OFFSET HANGERS



Offset Hanger Set No. 0

Includes:

3 VO 2 Regular Offsets
3 P 120 Phillips Offsets
with 2 hangers.

Offset Hanger Set No. 0P

Includes:

3 P 230 Phillips Offsets
3 P 340 Phillips Offsets
with 2 hangers.

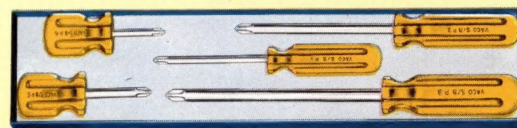
Hangers for suspending Phillips or Regular Offset Screw Drivers on VACO Vari-Board or other back boards are also available. Here is one good way to increase impulse purchases of a frequently overlooked item. Order by number as shown above.

PHILLIPS DISPLAY UNIT PC 16

This heavy easel back board display calls attention to the seven most popular Phillips screw drivers. It's a good volume builder . . . you can often trade up to a sale of the entire display as a complete Phillips set. For counter or wall display. PC 16 Display Unit consists of one each: P 1, P 2, P 3, P 5, P 6, P 12 and P 01. Weight, each 1 1/4 lbs. Size 9"x14".



MECHANIC'S BOXED PHILLIPS SET No. P 550



This boxed set of VACO Chrome Vanadium steel blade drivers provides a variety of types and styles to fit all ordinary requirements. The assortment is neatly packaged, and contains one each of: Nos. P 1, P 2, P 3, P 5 and P 6. Weight, 1 1/4 lbs.



Clutch Head Screw Drivers

For All Clutch Head Screws— (United Screw & Bolt Corp.)

■ Clutch head screws today are being used in an increasing variety of products including Chevrolet and other General Motors cars and trucks; Ford, Lincoln and Mercury products, Norge refrigerators, and John Deere tractors. They are self-holding when used with a Type A clutch head screw driver to allow easy, *one-hand* insertion of the screw. VACO clutch head screw drivers have tough Chrome Vanadium steel blades, and handles made of famous VACO Amberyl® plastic.



HOW IT WORKS

Bit Locks By Turning Counter-Clockwise. Center Pivot Bearing Prevents Canting.

Bit Unlocks By Turning Clockwise As In Driving. Clutch-Wall Holds Bits in Place.

PERFECT FIT MEANS PERFECT DRIVING ACTION

The Type "A" clutch head bit mates perfectly with the screw recess. Slipping or "camming out" is impossible due to design and precision fit.



TYPE A

TYPE G

TYPE "A" IS PREFERRED — TYPE "G" IS OBSOLETE

There has only been one type of clutch head screw made since 1937. However, two types of screw driver blades are available. The "A" type fits the screw recess correctly and will actually clutch or hold the screw. The "G" type (sometimes called butterfly or Figure 8) is the non-friction type and does not hold the screw. Also, it does not drive properly since it fails to make proper contact at the driving corners of the recess.



Display No. CHA 7

Take advantage of VACO's clutch head screw driver display to increase your screw driver sales. This display carries one each of the nine most popular size Type A clutch head screw drivers mounted on heavy, easel-type back board. Size, 12"x16". Weight, 2 lbs.

Vari-Board® Shelf No. 14



Quan.	Stock No.	Description
3	CH 51	5/32" Stubby Clutch Head
3	CH 61	3/16" Stubby Clutch Head
3	CH 43	1/8" x 3" Clutch Head
6	CH 54	5/32" x 4 1/4" Clutch Head
6	CH 64	3/16" x 4 1/4" Clutch Head
3	CH 86	1/4" x 6" Clutch Head
3	CH 106	5/16" x 6" Clutch Head

27 Screw Drivers. Wt., 5 lbs.

For 'G' type drivers order Shelf 14G

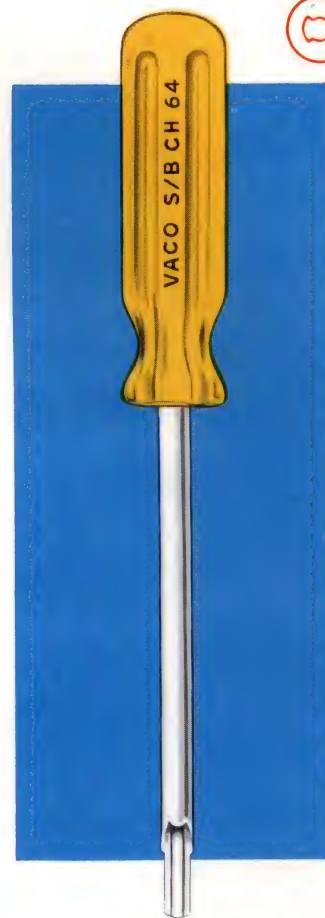
See Pages 34-39 for Complete Vari-Board Information

Stock No.		Handle Diameter and Length	Bit Point Diameter and Blade Length	Shank Diameter	Overall Length	Shelf Package	Weight per Dozen
Type A	Type G						
CH 33	CH 330	3/4" x 3"	3/32" x 3"	1/8"	6"	6	14 oz.
CH 43	CH 430	3/4" x 3"	1/8" x 3"	1/8"	6"	6	14 oz.
CH 54	CH 540	7/8" x 3 1/2"	5/32" x 4 1/4"	3/16"	7 3/4"	6	1 lb. 8 oz.
CH 64	CH 640	7/8" x 3 1/2"	3/16" x 4 1/4"	3/16"	7 3/4"	6	1 lb. 8 oz.
CH 86	CH 860	1" x 3 3/8"	1/4" x 6"	1/4"	9 5/8"	6	2 lbs. 10 oz.
CH 96	CH 960	1 1/16" x 4"	9/32" x 6"	5/16"	10"	6	3 lbs. 12 oz.
CH 106	CH 1060	1 1/16" x 4"	5/16" x 6"	5/16"	10"	6	3 lbs. 14 oz.

CLUTCH HEAD SCREW DRIVERS — STUBBY SIZES

CH 51	CH 510	1 1/8" x 1 3/4"	5/32" x 1 1/2"	3/16"	3 1/4"	6	1 lb.
CH 61	CH 610	1 1/8" x 1 3/4"	3/16" x 1 1/2"	3/16"	3 1/4"	6	1 lb.

See Pages 22-25 for Interchangeable Type Clutch Head Blades





Reed and Prince[†] Screw Drivers

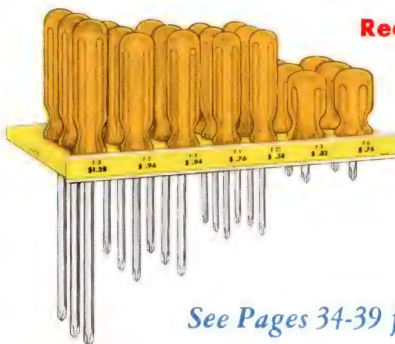
†(Frearson)

Accurately Fits Reed & Prince (Frearson Style) Cross Slot Screws

■ These screw drivers are more and more in demand because of increased use of Reed and Prince screws in everything from aircraft to golf clubs, tractors to furniture, railway cars to radios. Unlike other cross-slot screws, the Reed and Prince screw requires its own driver . . . should be matched for screw size. VACO Reed and Prince screw drivers have Amberyl® handles and Chrome Vanadium steel blades.

Stock Number	Handle Diameter and Length	Blade Diameter and Length	Overall Length	Shelf Package	Weight per Doz.
F 700	7/8" x 3 1/2"	3/16" x 3"	6 1/2"	6	1 lb. 6 oz.
F 710	1" x 3 5/8"	1/4" x 4"	7 5/8"	6	2 lbs. 4 oz.
F 715	1 1/8" x 4 1/4"	5/16" x 6"	10 1/4"	6	3 lbs. 12 oz.
F 720	1 3/16" x 4 1/2"	3/8" x 8"	12 1/2"	6	6 lbs. 4 oz.
F 705 (Stub)	1 1/4" x 2 1/8"	1/4" x 1 1/2"	3 3/8"	6	1 lb. 8 oz.

Also available with wood handles in quantity lots on special order.



Reed and Prince Vari-Board® Shelf No. 21

Quan.	Stk. No.	Description
6	F 700	3/16" x 3"
6	F 710	1/4" x 4"
3	F 715	5/16" x 6"
6	F 705	1/4" Stubby

21 Screw Drivers. Weight, 6 lbs.

See Pages 34-39 for Complete Vari-Board Information

Robertson[†] Type Screw Drivers

†(Socket Head)

■ VACO Robertson type screw drivers have been especially designed for the Canadian market where Robertson type (socket head) screws are used in a wide variety of hardware, furniture and other objects and have many applications in radio and electrical work. VACO Robertson type screw drivers are available in 3 sizes . . . regular lengths and Stubbies. Amberyl® handle equipped with Chrome Vanadium steel blades.



Stock Number	Point Number	Handle Size	Blade Size	Overall Length	Shelf Package	Weight per Doz.
R 10	1	7/8" x 3 1/2"	3/16" x 3"	6 1/2"	6	1 lb. 6 oz.
R 11 Stubby	1	1 1/8" x 1 3/4"	3/16" x 1 1/2"	3 1/4"	6	1 lb.
R 20	2	7/8" x 3 1/2"	1/4" x 4"	7 1/2"	6	2 lbs. 6 oz.
R 21 Stubby	2	1 1/4" x 2 1/8"	1/4" x 1 1/2"	3 3/8"	6	1 lb. 2 oz.
R 30	3	1" x 3 3/8"	1/4" x 5"	8 3/8"	6	2 lbs. 8 oz.
R 31 Stubby	3	1 1/4" x 2 1/8"	1/4" x 1 1/2"	3 3/8"	6	1 lb. 2 oz.

Robertson Type Vari-Board® Shelf No. 22

Quan.	Stk. No.	Description
6	R 10	No. 1 Point
6	R 20	No. 2 Point
3	R 30	No. 3 Point
3	R 11	No. 1 Stubby
3	R 21	No. 2 Stubby
3	R 31	No. 3 Stubby

24 Screw Drivers. Weight, 4 lbs.



See Pages 22-25 for
Interchangeable Type Robertson Blades





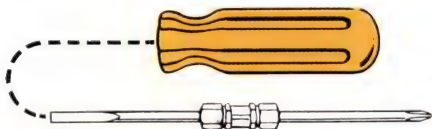
"Reversible" Screw Drivers

(Patented U. S. Patent Office No. 2,658,766)



Two Screw Drivers In One . . . Handy . . . Precision Engineered . . . Fully Guaranteed

■ Just pull out the blade, reverse it and insert it in the break-proof, shock-proof VACO handle and there's *another* screw driver in a jiffy! VACO Reversibles change from regular to Phillips or from No. 1 Phillips to No. 2 Phillips in less time than it takes to tell . . . yet they are a quality tool in every detail with electrically heat treated Chrome Vanadium steel blades solidly gripped in the exclusive VACO handle chuck. Choice of 3 styles for every situation.

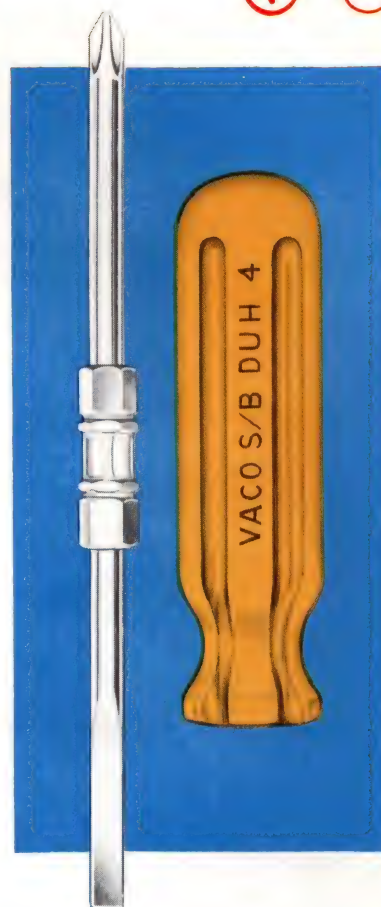


Blade snaps in and out of handle chuck easily, without binding, without play. Blade always perfectly aligned. Compact, a real time-saver.

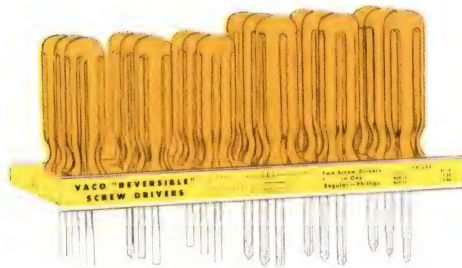


DISPLAY No. DU 30

VACO "Reversibles" are known everywhere for high quality and convenience . . . literally sell on sight. Display them with this eye-catching counter card and watch sales climb! The DU 30 consists of one each of the three duplex screw drivers shown in the table below. Display and three mounted drivers shipped at the cost of the drivers alone with purchase of 12 assorted numbers. Shipping weight, 1 lb. 12 oz. Size, 12"x16".



VACO Vari-Board® Shelves for "Reversibles"



SHELF No. 20

Quan.	Stock No.	Description
12	DU 2	Reversible
6	DUH 4	Reversible
3	DUP 12	Reversible

21 Screw Drivers

Weight, 4 lbs.

"Reversibles" also available on: Shelf No. 3; Shelf No. 6.

SHELF No. 3

Quan.	Stock No.	Description
3	A 132	1/4"x1 1/4" Stubby
3	A 135	5/16"x1 3/4" Stubby
6	DU 2	"Reversible"
3	DUH 4	"Reversible"
6	A 130-3	1/8"x3" Pocket Clip
6	A 130-2	1/8"x2" Pocket Clip

27 Screw Drivers

Weight, 4 lbs.


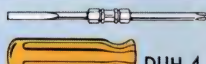
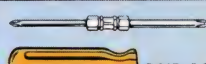
SHELF No. 6

Quan.	Stock No.	Description
6	P2	#2 Phillips
6	P1	#1 Phillips
6	DU 2	"Reversible"
3	DUH 4	"Reversible"
3	A 132	1/4"x1 1/4" Stubby
6	A 130-3	1/8"x3" Pocket Clip
6	A 130-2	1/8"x2" Pocket Clip

36 Screw Drivers

Weight, 5 lbs.

Use "Reversible" Screw Driver Vari-Board Shelves to step up sales of VACO special screw drivers. See pages 34-39 for complete Vari-Board information.

Stock Number	Blade Size and Style	Blade Length Out of Handle	Overall Length	Shelf Package	Weight per Doz.
 DU 2	No. 1 Phillips—3/16" Regular	2 1/4"	6"	6	2 lbs.
 DUH 4	No. 2 Phillips—1/4" Regular	2 3/4"	6 3/4"	6	2 lbs. 12 oz.
 DUP 12	No. 1 Phillips—No. 2 Phillips	2 3/4"	6 3/4"	6	2 lbs. 12 oz.

For Separate Blades and Handles — See Price Sheet



Offset Screw Drivers



Chrome Vanadium Hexagon Steel...Milled, Oil Tempered Bits

■ These tough, durable, VACO offset screw drivers are especially designed for superior performance. Hexagon shanks assure positive grip . . . bits are precision made to stay in the slot. Bits set at right angles provide greater maneuverability in tight places.

Stock Number	Takes Screw Number	Diameter of Shank	Overall Length	Shelf Package	Weight per Doz.
VO 1	2 to 6	5/16"	3"	6	6 oz.
VO 2	6 to 10	1/4"	4"	6	1 lb.
VO 3	8 to 12	5/16"	5"	6	1 lb. 12 oz.
VO 4	12 to 16	3/8"	6"	6	2 lbs. 14 oz.



DISPLAY NO. VOD 4

A compactly designed display that just fits the corner of any counter or the shelf of a display case. Easily hung on walls where it is out of the way . . . yet in plain view where it can sell. Individually packaged. Size, 8 1/2" x 9 1/2". Weight 10 oz.



Vari-Board® Offset Driver Sets

Offset Hanger Set No. OR

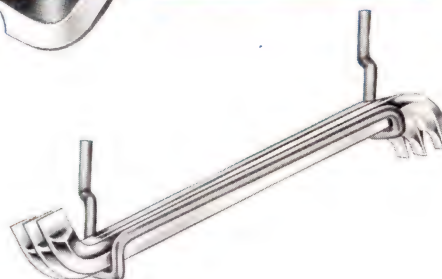
Includes:

3 VO 3 Regular Offsets
3 VO 4 Regular Offsets
with 2 hangers.

Offset Hanger Set No. O

Includes:

3 VO 2 Regular Offsets
3 P 120 Phillips Offsets
with 2 hangers.



Above sets supplied with hangers for use with Vari-Board backboard . . . See Pages 34-39

High Tension Ignition-Radio Testers

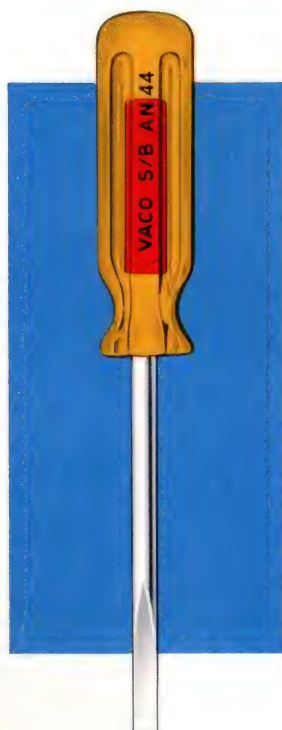
(with neon tube)

■ Dual purpose . . . may be used as screw drivers or for testing high tension ignition circuits or corona leakage in RF radio circuits. Special neon gas filled glass tube (spring mounted to prevent breakage within handle) gives unusually bright flash to indicate strong flow of current . . . weak flash to show weak field. May be used for testing spark plugs, coils, distributor heads, high tension wires or any high voltage AC or RF source. Available in 2 sizes.

Stock Number	Handle Diameter and Length	Blade Diameter and Length	Overall Length	Shelf Package	Weight per Doz.
AN 44	1" x 3 3/8"	1/4" x 4"	7 3/8"	6	2 lbs.
AN 2	1/2" x 2 1/2"	1/8" x 3"	5 1/2"	6	8 oz.

DISPLAY NO. AN 20

A fine display for stepping up impulse sales of testers to garage mechanics, filling station attendants, radio and TV personnel, etc. Holds one dozen Pocket Clip AN 2 Neon Testers. Individually packaged. Size, 11" x 12". Weight, 10 oz.





Screw Holding Screw Drivers

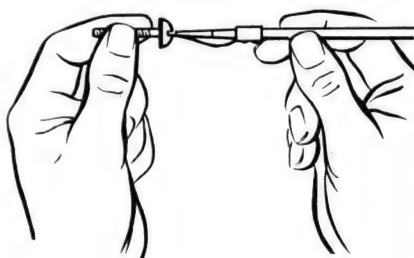
Klipxon—An Easy to Use...Screw Starter ...or Screw Remover

Patent Pending

Now with VACO's Klipxon you can start or remove screws in inaccessible spots with the assurance that the screw will be secure on the driver until purposely disengaged. No play! No wobble! Nothing complicated! Regardless of size, screw is held on by pressure of serrated spring steel clip and blade tip along entire edge of screw slot... yet there is no weakening of driver bit. When not needed, clip can be slid back up shaft, out of way.

HOW IT WORKS

Move clip forward along blade until end of clip extends slightly beyond bit. Insert clip in screw slot. Slide bit forward toward screw head... then exert enough pressure to close gap between clip and bit and seat bit in screw slot. Screws already in place can be removed in the same fashion.



Vari-Board® Shelf

No. 13

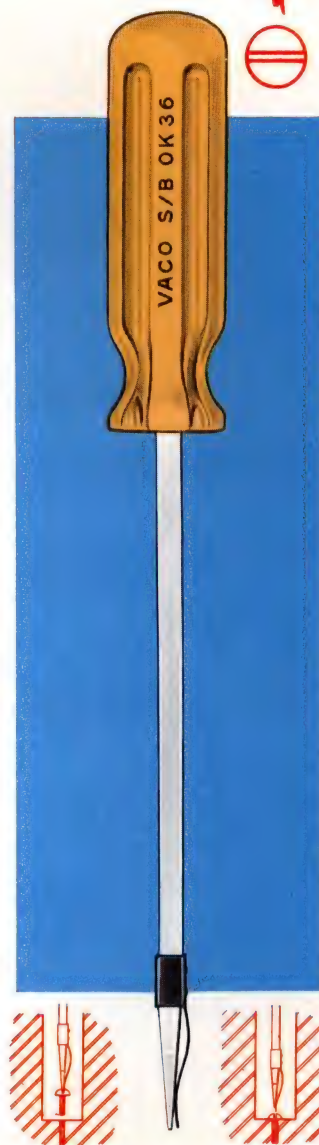
Quan.	Stock No.	Description
3	OK 58	3/8" x 8" Screw-Holding
3	OK 56	3/8" x 6" Screw Holding
3	OK 48	1/4" x 8" Screw Holding
3	OK 46	1/4" x 6" Screw Holding
6	OK 38	3/8" x 8" Screw Holding
6	OK 36	3/8" x 6" Screw Holding
6	OK 34	3/8" x 4" Screw Holding
6	OK 28	1/8" x 8" Screw Holding
6	OK 26	1/8" x 6" Screw Holding
6	OK 24	1/8" x 4" Screw Holding

48 Screw Drivers

Weight 7 lbs.

Also available in interchangeable Vari-Blades. See Page 22.

See Pages 34-39 for Complete Vari-Board Information



DISPLAY No. OK 7



This attractive display boosts sales by featuring screw drivers often wanted but seldom displayed. Contains 7 Klipxon screw drivers in assorted sizes. Size, 12" x 16". Shipping weight, 1 1/2 lbs.

Stock Number	Handle Diameter and Length	Blade Diameter and Length	Overall Length	Takes Screws	Shelf Package	Weight per Doz.
OK 23	5/8" x 2 3/4"	1/8" x 3"	5 3/4"	2 to 8	6	10 oz.
OK 24	5/8" x 2 3/4"	1/8" x 4"	6 3/4"	2 to 8	6	12 oz.
OK 26	5/8" x 2 3/4"	1/8" x 6"	8 3/4"	2 to 8	6	1 lb.
OK 28	5/8" x 2 3/4"	1/8" x 8"	10 3/4"	2 to 8	6	1 lb. 2 oz.
OK 34	7/8" x 3 1/2"	3/16" x 4"	7 1/2"	6 to 12	6	1 lb. 12 oz.
OK 36	7/8" x 3 1/2"	3/16" x 6"	9 1/2"	6 to 12	6	2 lbs.
OK 38	7/8" x 3 1/2"	3/16" x 8"	11 1/2"	6 to 12	6	2 lbs. 3 oz.
OK 44	1" x 3 5/8"	1/4" x 4"	7 5/8"	10 & 12	6	2 lbs. 8 oz.
OK 46	1" x 3 5/8"	1/4" x 6"	9 5/8"	10 & 12	6	2 lbs. 14 oz.
OK 48	1" x 3 5/8"	1/4" x 8"	11 5/8"	10 & 12	6	3 lbs. 6 oz.
OK 56	1 1/8" x 4 1/4"	5/16" x 6"	10 1/4"	12 to 16	6	4 lbs. 3 oz.
OK 58	1 1/8" x 4 1/4"	5/16" x 8"	12 1/4"	12 to 16	6	5 lbs.
OK 510	1 1/8" x 4 1/4"	5/16" x 10"	14 1/4"	12 to 16	6	7 lbs.



Wood Handle Screw Drivers

For Regular Straight Slotted Screws

■ This "Black Beauty" selection of economically priced screw drivers is built to meet the demand for a serviceable driver at low cost. VACO wood handle screw drivers have seasoned hardwood handles, black enameled for rich appearance . . . tough, oil tempered Chrome Vanadium steel blades with bright plated finish . . . and heavy drawn steel ferrules. All blades firmly set for long life.



Stock Number	Handle Diameter and Length	Blade Diameter and Length	Overall Length	Shelf Package	Weight per Doz.
WR 11	3/4" x 3 1/4"	5/32" x 1 1/2"	4 3/4"	6	14 oz.
WR 24	3/4" x 3 1/4"	1/8" x 4"	7 1/4"	6	14 oz.
WR 26	3/4" x 3 1/4"	1/8" x 6"	9 1/4"	6	1 lb.
WR 28	3/4" x 3 1/4"	1/8" x 8"	11 1/4"	6	1 lb. 1 oz.
WR 34	1" x 4"	3/16" x 4"	8"	6	1 lb. 10 oz.
WR 35	1" x 4"	3/16" x 5"	9"	6	1 lb. 12 oz.
WR 36	1" x 4"	3/16" x 6"	10"	6	1 lb. 14 oz.
WR 38	1" x 4"	3/16" x 8"	12"	6	2 lbs. 6 oz.
WR 44	1 1/8" x 4 3/4"	1/4" x 4"	8 3/4"	6	2 lbs. 4 oz.
WR 46	1 1/8" x 4 3/4"	1/4" x 6"	10 3/4"	6	2 lbs. 12 oz.
WR 48	1 1/8" x 4 3/4"	1/4" x 8"	12 3/4"	6	3 lbs. 6 oz.
WR 410	1 1/4" x 4 3/4"	1/4" x 10"	14 3/4"	6	3 lbs. 9 oz.
WR 56	1 1/4" x 5 1/2"	5/16" x 6"	11 1/2"	6	4 lbs. 2 oz.
WR 58	1 1/4" x 5 1/2"	5/16" x 8"	13 1/2"	6	4 lbs. 8 oz.
WR 510	1 1/4" x 5 1/2"	5/16" x 10"	15 1/2"	6	5 lbs. 2 oz.
WR 132	1 3/8" x 2 1/2"	1/4" x 1 1/4"	3 3/4"	6	1 lb. 2 oz.
WR 135	1 3/8" x 2 1/2"	5/16" x 1 3/4"	4 1/4"	6	1 lb. 8 oz.



For Phillips Screws

A companion "Black Beauty" selection of Phillips drivers built to meet the demand for a good quality driver of this type . . . also at low cost. Seasoned hardwood black enameled handles . . . Oil tempered, high carbon tool steel bits . . . heavy drawn steel ferrules. An outstanding VACO value.

Stock Number	Point No.	Handle Diameter and Length	Blade Diameter and Length	Overall Length	Takes Screw Number	Shelf Package	Weight per Doz
WP 01	1	3/4" x 3 1/4"	1/8" x 3"	6 1/4"	4 and smaller	6	8 oz.
WP 10	1	1" x 4"	3/16" x 3"	7"	4 and smaller	6	1 lb. 10 oz.
WP 20	2	1 1/8" x 5"	1/4" x 4"	9"	5 to 10	6	2 lbs. 4 oz.
WP 30	3	1 1/4" x 6"	5/16" x 6"	12"	12 to 16	6	4 lbs.
WP 40	4	1 3/8" x 7"	3/8" x 8"	15"	18 and larger	6	5 lbs.
WP 50 (Stub)	2	1 3/8" x 2 1/4"	1/4" x 1 3/4"	4"	5 to 10	6	1 lb. 2 oz.
WP 60 (Stub)	1	1 3/8" x 2 1/4"	3/16" x 1 1/4"	3 1/2"	4 and smaller	6	1 lb.





All Hollow Shaft Nut Drivers

Insulated, Color-Keyed Shafts... Extra Hard, Long-Wearing Sockets

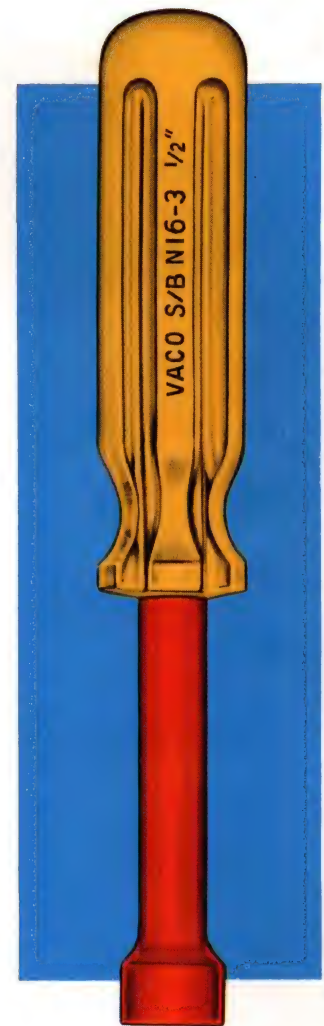
With these new lightweight, easy-to-use, all hollow shaft nut drivers VACO solves an age-old problem for assembly line workers and service men everywhere. Here is the finest nut driver of its type designed in every detail for utmost utility. Available in four shaft lengths to take care of every job requirement.




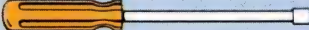
- Shafts color-keyed for quick size identification.
- Entire shaft insulated clear to tip.
- Shafts hollow entire length.
- Handles extra large for sure grip.
- Entire driver light in weight, perfectly balanced.
- Extra hard, long-wearing sockets.
- Four lengths . . . stubby, regular, long, extra-long.
- Seven popular hex sizes.

COLOR-KEYED



7 Hex Sizes—7 Colors—4 lengths . . . Stubby, Regular, Long, Extra-Long



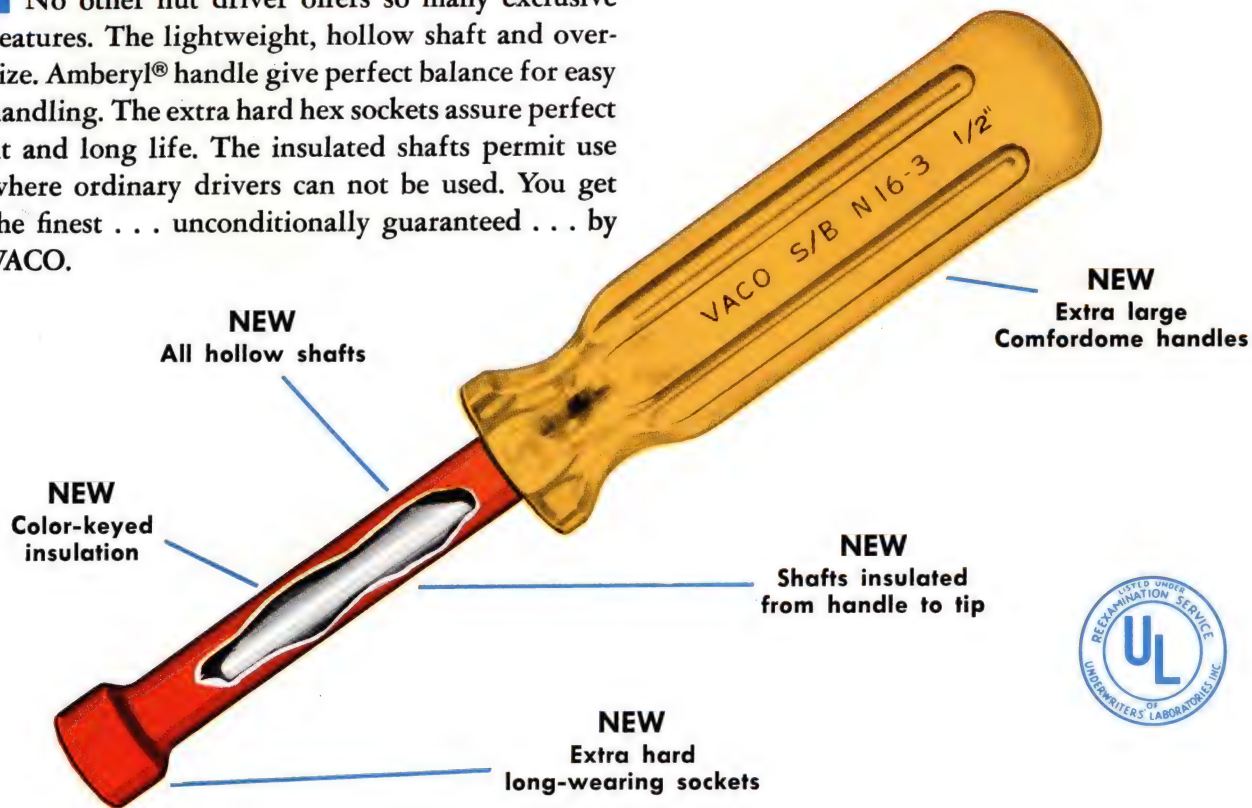
Type	Stock No.	Hex Size	Handle Diam. & Length	Overall Length	Color Key	Fits These Screws & Nuts	Shelf Package	Weight per Dozen
 Stubby 1 1/2" out of handle	N 6-1	3/16	1 1/4 x 2 1/8	3 3/8	Black	2 & 3	6	1 lb. 4 oz.
	N 8-1	1/4	1 1/4 x 2 1/8	3 3/8	Red	4	6	1 lb. 4 oz.
	N 10-1	5/16	1 1/4 x 2 1/8	3 3/8	Yellow	5 & 6	6	1 lb. 6 oz.
	N 11-1	11/32	1 1/4 x 2 1/8	3 3/8	Green	8	6	1 lb. 6 oz.
	N 12-1	3/8	1 1/4 x 2 1/8	3 3/8	Blue	10	6	1 lb. 6 oz.
	N 14-1	7/16	1 1/4 x 2 1/8	3 3/8	Brown	12 & 1/4	6	1 lb. 8 oz.
	N 16-1	1/2	1 1/4 x 2 1/8	3 3/8	Orange	5/16	6	1 lb. 12 oz.
 Regular 3" out of handle	N 6-3	3/16	1 x 3 3/8	6 3/8	Black	2 & 3	6	1 lb. 12 oz.
	N 8-3	1/4	1 x 3 3/8	6 3/8	Red	4	6	1 lb. 12 oz.
	N 10-3	5/16	1 x 3 3/8	6 3/8	Yellow	5 & 6	6	1 lb. 14 oz.
	N 11-3	11/32	1 x 3 3/8	6 3/8	Green	8	6	1 lb. 14 oz.
	N 12-3	3/8	1 x 3 3/8	6 3/8	Blue	10	6	2 lbs.
	N 14-3	7/16	1 1/16 x 4	7	Brown	12 & 1/4	6	2 lbs. 4 oz.
	N 16-3	1/2	1 1/16 x 4	7	Orange	5/16	6	2 lbs. 8 oz.
 Long 5 1/2" out of handle	N 6-6	3/16	1 x 3 3/8	9 1/8	Black	2 & 3	6	2 lbs.
	N 8-6	1/4	1 x 3 3/8	9 1/8	Red	4	6	2 lbs.
	N 10-6	5/16	1 x 3 3/8	9 1/8	Yellow	5 & 6	6	2 lbs. 2 oz.
	N 11-6	11/32	1 x 3 3/8	9 1/8	Green	8	6	2 lbs. 2 oz.
	N 12-6	3/8	1 x 3 3/8	9 1/8	Blue	10	6	2 lbs. 2 oz.
	N 14-6	7/16	1 1/16 x 4	9 1/2	Brown	12 & 1/4	6	2 lbs. 12 oz.
	N 16-6	1/2	1 1/16 x 4	9 1/2	Orange	5/16	6	2 lbs. 14 oz.
 Extra Long 8 1/4" out of handle	N 6-8	3/16	1 x 3 3/8	11 7/8	Black	2 & 3	6	2 lbs. 4 oz.
	N 8-8	1/4	1 x 3 3/8	11 7/8	Red	4	6	2 lbs. 4 oz.
	N 10-8	5/16	1 x 3 3/8	11 7/8	Yellow	5 & 6	6	2 lbs. 6 oz.
	N 11-8	11/32	1 x 3 3/8	11 7/8	Green	8	6	2 lbs. 6 oz.
	N 12-8	3/8	1 x 3 3/8	11 7/8	Blue	10	6	2 lbs. 8 oz.
	N 14-8	7/16	1 1/16 x 4	12 1/4	Brown	12 & 1/4	6	3 lbs.
	N 16-8	1/2	1 1/16 x 4	12 1/4	Orange	5/16	6	3 lbs. 6 oz.



All Hollow Shaft Nut Drivers

**Easy to Identify . . . Light in Weight . . .
Entire Shaft Insulated . . . Extra Long Wearing**

■ No other nut driver offers so many exclusive features. The lightweight, hollow shaft and over-size, Amberyl® handle give perfect balance for easy handling. The extra hard hex sockets assure perfect fit and long life. The insulated shafts permit use where ordinary drivers can not be used. You get the finest . . . unconditionally guaranteed . . . by VACO.



No. K 7 Self-Standing Service Kit



Includes 7 nut drivers (3" lengths) . . . each in its own individual holder clearly marked for size and color. Kit punched for hanging on wall or bench . . . is equipped with three snap fasteners to button into a cylinder for standing on bench or work table (see left). May be folded for carrying from job to job. Weight, 1 lb. 8 oz. Size, 9 1/2" x 7 1/2".

The K 7 kit includes one each of the following nut drivers: N6-3, N8-3, N10-3, N11-3, N12-3, N14-3, N16-3. Plastic bag has clear acetate holders for each driver.



No. N 700 Nut Driver Bench Stand



An all-metal stand punched for permanent attachment to bench or wall comes complete with 7 nut drivers. Sizes shown below each handle. Contains one each: N6-3, N8-3, N10-3, N11-3, N12-3, N14-3, N16-3. Weight, each .1 lb. 12 oz.

N 70 STAND ONLY

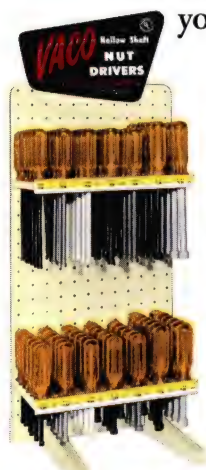
May be purchased for use with any assortment of various length nut drivers (except stubbies).



Nut Driver Vari-Boards® & Shelves

Colorful, Eye-Catching, Point-of-Sale Aids That Step Up Nut Driver Sales!

- VACO Vari-Boards are self-service displays that step up impulse purchases . . . make sales easier . . . simplify inventory! They attract the eye while they put prices and sizes right where customers can select the drivers they need. Display a VACO Vari-Board and watch your nut driver sales and profits soar!



**No. V 42
Nut Driver
Vari-Board**

No. V 147 Vari-Board at right contains four shelves . . . one for each length driver . . . 147 drivers in all. Size, 24" x 24". Weight packed for shipping, 32 lbs.

No. V 42 Two-Shelf Vari-Board®

Similar to the 24" Vari-Board except made up with only two of the complete series of four nut driver shelves. Upper shelf contains 6" shaft nut drivers. Lower shelf contains 3" shaft drivers. 84 drivers in all. Size, 12" x 24". Weight packed for shipping, 17 lbs.



**No. V 147
Nut Driver
Vari-Board**



Shelf 18-1



Shelf 18-3



Shelf 18-6



Shelf 18-8

Vari-Board® Shelves

Individual shelves may be used to supplement existing displays or with Vari-Board brackets to make up complete merchandising displays.

Shelf 18-1 contains 3 each of following:

**N6-1, N8-1, N10-1, N11-1,
N12-1, N14-1, N16-1.**

Weight, 3 lbs. 21 drivers in all.

Shelf 18-3 contains 6 each of following:

**N6-3, N8-3, N10-3, N11-3,
N12-3, N14-3, N16-3.**

Weight, 6 lbs. 42 drivers in all.

Shelf 18-6 contains 6 each of following:

**N6-6, N8-6, N10-6, N11-6,
N12-6, N14-6, N16-6.**

Weight, 7½ lbs. 42 drivers in all.

Shelf 18-8 contains 6 each of following:

**N6-8, N8-8, N10-8, N11-8,
N12-8, N14-8, N16-8.**

Weight, 9½ lbs. 42 drivers in all.



Hollow Shaft Nut Drivers

STANDARD LINE — NO INSULATION

Fire-Safe Amberyl® Handles... Extra Hard Sockets—All Hollow Shaft

These economically priced nut drivers have hardened sockets for extra long wear... come in a large variety of sizes for every type of application. Fit all hexagon headed bolts and screws from $\frac{5}{32}$ " to $\frac{5}{8}$ " in radio, TV, electrical, automotive and appliance fields.

REGULAR LENGTH (3" OUT OF HANDLE)

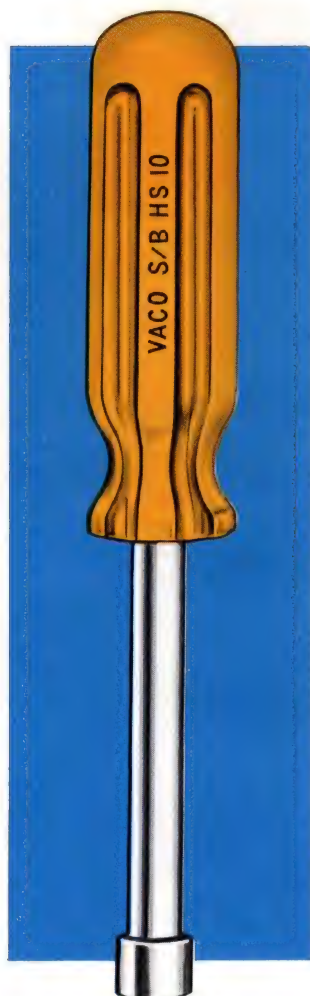
Stock Number	Hex Size	Handle Diameter and Length	Overall Length	Fits these Screws and Nuts	Shelf Package	Weight per Doz.
HS 5	$\frac{5}{32}$ "	$\frac{7}{8}$ " x $3\frac{1}{2}$ "	$6\frac{3}{4}$ "	0 & 1	6	1 lb. 2 oz.
HS 6	$\frac{3}{16}$ "	$\frac{7}{8}$ " x $3\frac{1}{2}$ "	$6\frac{3}{4}$ "	2 & 3	6	1 lb. 2 oz.
HS 7	$\frac{7}{32}$ "	$\frac{7}{8}$ " x $3\frac{1}{2}$ "	$6\frac{3}{4}$ "		6	1 lb. 3 oz.
HS 8	$\frac{1}{4}$ "	$\frac{7}{8}$ " x $3\frac{1}{2}$ "	$6\frac{3}{4}$ "	4	6	1 lb. 4 oz.
HS 9	$\frac{9}{32}$ "	$\frac{7}{8}$ " x $3\frac{1}{2}$ "	$6\frac{3}{4}$ "		6	1 lb. 5 oz.
HS 10	$\frac{5}{16}$ "	$\frac{7}{8}$ " x $3\frac{1}{2}$ "	$6\frac{3}{4}$ "	5 & 6	6	1 lb. 6 oz.
HS 11	$\frac{11}{32}$ "	$\frac{7}{8}$ " x $3\frac{1}{2}$ "	$6\frac{3}{4}$ "	8	6	1 lb. 6 oz.
HS 12	$\frac{3}{8}$ "	$\frac{7}{8}$ " x $3\frac{1}{2}$ "	$6\frac{3}{4}$ "	10	6	1 lb. 8 oz.
HS 14	$\frac{7}{16}$ "	1" x $3\frac{5}{8}$ "	$6\frac{7}{8}$ "	12 & $\frac{1}{4}$ "	6	1 lb. 10 oz.
HS 16	$\frac{1}{2}$ "	1" x $3\frac{5}{8}$ "	$6\frac{7}{8}$ "	$\frac{5}{16}$ " Hex Cap	6	1 lb. 12 oz.

EXTRA LARGE SIZES

HS 18	$\frac{9}{16}$ "	$1\frac{1}{16}$ " x 4"	8"	$\frac{3}{8}$ " Hex Nut $\frac{5}{16}$ " Mach.	6	3 lbs. 2 oz.
HS 20	$\frac{5}{8}$ "	$1\frac{1}{16}$ " x 4"	8"	$\frac{7}{16}$ " S. F. $\frac{3}{8}$ " Mach.	6	3 lbs. 8 oz.

STUBBY SIZES (1 $\frac{1}{8}$ " OUT OF HANDLE)

HSS 8	$\frac{1}{4}$ "	$1\frac{1}{4}$ " x $2\frac{1}{8}$ "	$3\frac{1}{4}$ "	4	6	1 lb. 2 oz.
HSS 10	$\frac{5}{16}$ "	$1\frac{1}{4}$ " x $2\frac{1}{8}$ "	$3\frac{1}{4}$ "	5 & 6	6	1 lb. 2 oz.
HSS 12	$\frac{3}{8}$ "	$1\frac{1}{4}$ " x $2\frac{1}{8}$ "	$3\frac{1}{4}$ "	10	6	1 lb. 4 oz.



Vari-Board® Nut Driver Shelves

SHELF No. 10

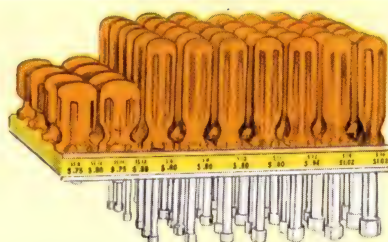
Quan.	Stock No.	Description
3	HSS 8	$\frac{1}{4}$ " Stubby Nut Driver
3	HSS 10	$\frac{5}{16}$ " Stubby Nut Driver
2	HSS 12	$\frac{3}{8}$ " Stubby Nut Driver
6	HS 6	$\frac{3}{16}$ " Nut Driver
6	HS 8	$\frac{1}{4}$ " Nut Driver
6	HS 10	$\frac{5}{16}$ " Nut Driver
6	HS 11	$\frac{11}{32}$ " Nut Driver
6	HS 12	$\frac{3}{8}$ " Nut Driver
6	HS 14	$\frac{7}{16}$ " Nut Driver
6	HS 16	$\frac{1}{2}$ " Nut Driver

50 Nut Drivers. Weight, 8 lbs.

SHELF No. 12

Quan.	Stock No.	Description
6	P 2	# 2 Phillips
6	P 1	# 1 Phillips
6	HS 12	$\frac{3}{8}$ " Nut Driver
6	HS 10	$\frac{5}{16}$ " Nut Driver
6	HS 8	$\frac{1}{4}$ " Nut Driver
3	HSS 10	$\frac{5}{16}$ " Stubby Nut Driver
3	HSS 8	$\frac{1}{4}$ " Stubby Nut Driver
3	A 132	$\frac{1}{4}$ " x $1\frac{1}{4}$ " Stubby Screw Driver

39 Screw and Nut Drivers. Weight, 7 lbs.



Display VACO Vari-Boards where they'll catch the eye of your customers and let them sell for you. See pages 34-39 for complete Vari-Board information.

No. HS 500 Bench Stand With Assorted Nut Drivers

An all metal stand for permanent installation on work bench or wall. All sizes clearly marked beneath each driver. Contains one each of the following nut drivers: HS 8, HS 10, HS 11, HS 12, HS 14. Weight, 1 lb. 6 oz.

HS 50 Bench Stand Only,
Weight, 8 oz.



DISPLAY No. HS 90

A self-selling display of nut driver sizes listed below. Made of heavy board with drivers mounted ready for counter or wall use. Contains one each of HS 6, HS 8, HS 10, HS 11, HS 12, HS 14, HS 16, HS 18, HS 20. Weight, $1\frac{1}{4}$ lbs. Size, 9" x 14".

See Pages 22-25 for Interchangeable Nut Driver Blades



Insulated Screw Drivers

COLOR-KEYED

For Radio, TV, Electrical and Electronics Use

VACO insulated screw drivers enable service men to reach into "live" units to make adjustments without the annoyance or danger of shorts. The covering on each blade is unusually heavy . . . the material a plastic of high dielectric strength. VACO insulated blade drivers are precision built, perfectly balanced, and fitted with fire-safe, break-proof, shock-proof Amberyl® plastic handles.

Color-Keyed



1/8" — Grey



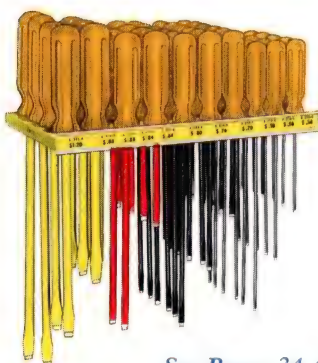
3/16" — Black



1/4" — Red



5/16" — Yellow

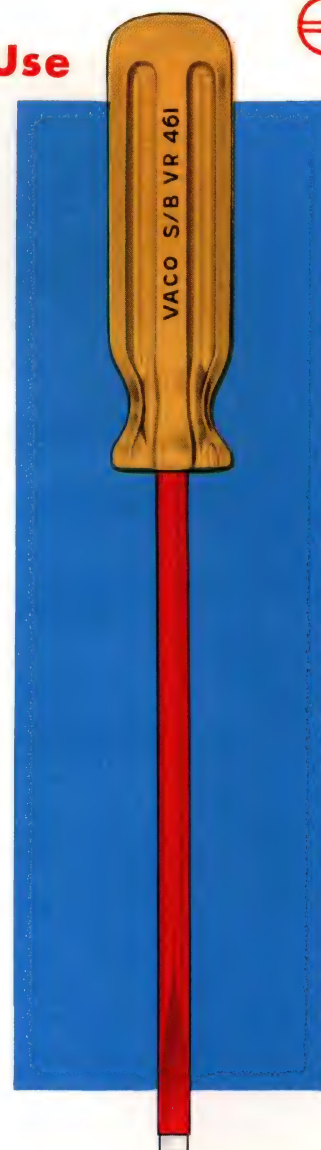


Vari-Board® Shelf No. 19

Quan.	Stk. No.	Description
6	VR 241	1/8" x 4" Insulated Drivers
6	VR 261	1/8" x 6" Insulated Drivers
6	VR 281	1/8" x 8" Insulated Drivers
6	VR 341	3/16" x 4" Insulated Drivers
6	VR 361	3/16" x 6" Insulated Drivers
6	VR 381	3/16" x 8" Insulated Drivers
4	VR 441	1/4" x 4" Insulated Drivers
2	VR 461	1/4" x 6" Insulated Drivers
2	VR 481	1/4" x 8" Insulated Drivers
4	VR 561	5/16" x 6" Insulated Drivers
2	VR 581	5/16" x 8" Insulated Drivers
2	VR 591	5/16" x 10" Insulated Drivers

52 Screw Drivers, Weight, 10 lbs.

See Pages 34-49 for Complete Vari-Board Information



Stock Number	Handle Diameter and Length	Blade Diameter and Length	Overall Length	Color Key	Shelf Package	Weight per Doz.
VR 241	3/4" x 3"	1/8" x 4"	7"	Grey	6	14 oz.
VR 261	3/4" x 3"	1/8" x 6"	9"	Grey	6	1 lb.
VR 281	3/4" x 3"	1/8" x 8"	11"	Grey	6	1 lb. 2 oz.
VR 341	7/8" x 3 1/2"	3/16" x 4"	7 1/2"	Black	6	1 lb. 14 oz.
VR 361	7/8" x 3 1/2"	3/16" x 6"	9 1/2"	Black	6	1 lb. 12 oz.
VR 381	7/8" x 3 1/2"	3/16" x 8"	11 1/2"	Black	6	2 lb.
VR 441	1" x 3 3/8"	1/4" x 4"	7 5/8"	Red	6	2 lb. 8 oz.
VR 461	1" x 3 3/8"	1/4" x 6"	9 5/8"	Red	6	3 lb.
VR 481	1" x 3 3/8"	1/4" x 8"	11 5/8"	Red	6	3 lb. 8 oz.
VR 561	1 1/16" x 4"	5/16" x 6"	10"	Yellow	6	4 lb. 4 oz.
VR 581	1 1/16" x 4"	5/16" x 8"	12"	Yellow	6	4 lb. 12 oz.
VR 591	1 1/16" x 4"	5/16" x 10"	14"	Yellow	6	5 lb. 14 oz.



Beryllium Copper Screw Drivers



Rounds, Phillips and Squares

■ These non-spark, non-magnetic screw drivers have exceptional utility value in radio and TV work as well as industry. Nearly as hard as steel, they do not "give" or shear off when making close tolerance TV adjustments . . . and they do not affect the image. Since they are non-sparking, they are ideal for use in explosive industrial atmospheres. All have VACO Amberyl® fire-safe handles.

ROUND BLADE

Stock Number	Handle Diameter and Length	Blade Diameter and Length	Overall Length	Shelf Package	Weight per Doz.
VB 26	5/8" x 2 3/4"	1/8" x 6"	8 3/4"	6	1 lb.
VB 210	5/8" x 2 3/4"	1/8" x 10"	12 3/4"	6	1 lb. 2 oz.
VB 38	7/8" x 3 1/2"	3/16" x 8"	11 1/2"	6	2 lbs. 10 oz.
VB 46	1" x 3 5/8"	1/4" x 6"	9 5/8"	6	3 lbs. 2 oz.
VB 48	1" x 3 5/8"	1/4" x 8"	11 5/8"	6	3 lbs. 8 oz.

PHILLIPS BLADE

PB 14 (No. 1 Point)	7/8" x 3 1/2"	3/16" x 3"	6 1/2"	6	1 lb. 8 oz.
PB 26 (No. 2 Point)	1" x 3 5/8"	1/4" x 4"	7 5/8"	6	2 lbs. 8 oz.

SQUARE BLADE

Get the strength advantages of square blade design in a non-spark, Beryllium copper screw driver. Made especially for heavy duty industrial use.

Stock Number	Handle Diameter and Length	Blade Diameter and Length	Overall Length	Shelf Package	Weight per Doz.
VB 330	7/8" x 3 1/2"	3/16" Sq. x 3"	6 1/2"	6	1 lb. 8 oz.
VB 440	1" x 3 5/8"	1/4" Sq. x 4"	7 5/8"	6	2 lbs. 8 oz.
VB 550	1 1/8" x 4 1/4"	5/16" Sq. x 5"	9 1/4"	6	4 lbs. 4 oz.
VB 660	1 3/16" x 4 1/2"	3/8" Sq. x 6"	10 1/2"	6	6 lbs. 4 oz.



Tapered Reamer

R 25



Has super-hard tapered blade for enlarging holes from 1/8" to 3/8" diameter. Aligns off-center holes for screwing together, reams out metal, plastic, wood, etc. Fine for radio and TV service men, electricians, mechanics and others. Protective plastic blade coating. Overall length, 7 1/4". Individually boxed. Weight, 4 oz.



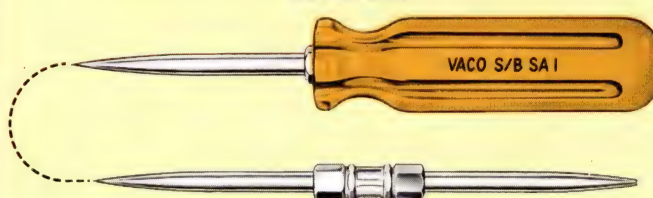
ZR 15 Fits Either
ZH 1 or ZH 2 Handles

No. ZR15 (Reamer Only)

Same fine tool steel, ground, heat-treated blade as in R 25 except end of shank fits VACO ZH 1 or ZH 2 handles. Length 3 3/4". Fits any VACO Vari-Blade kit. Shipping weight (package of 6), 8 oz. See Page 22.

Scratch Awl and Drift Punch

"Reversible"



SA 1

An ideal tool for scribing, centering, aligning holes and other similar work. Fine for radio and TV service men, tin-smiths, pattern makers, mechanics and others. Has reversible tool steel, ground, heat-treated blade. Awl end extends 2 3/4" out of handle . . . punch end extends 2 5/8". Large 1 1/16" x 4" plastic handle for sure grip. Packed 6 to a box. Shipping weight, 1 lb., 8 oz.



Radio and TV "Specials"

Non-Metallic or Non-Magnetic Aligners Ideal for Electronics Use

The drivers shown on this page are specially designed for radio and TV use where magnetic field influence must be held to a minimum, yet long life is a requirement for every tool.

NON-MAGNETIC ALIGNERS

No metal • Completely non-capacitance • May be repointed as required • Amberyl plastic handle • Bone fibre blade

Stock Number	Handle Diameter and Length	Blade Diameter and Length	Overall Length	Shelf Package	Weight per Doz.
AT 55	1/2" x 2 1/2"	3/32" x 5"	7 1/2"	6	8 oz.
AT 510	1/2" x 2 1/2"	3/32" x 10"	12 1/2"	6	10 oz.

DISPLAYS

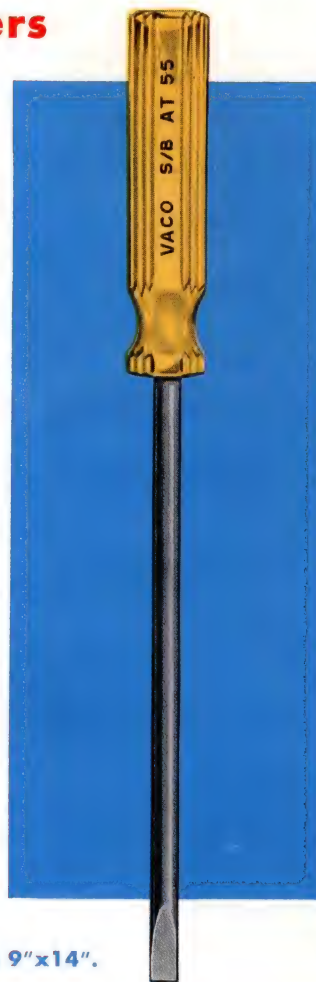


No. AT 550 Display
has 24 AT 55 (5") Aligners

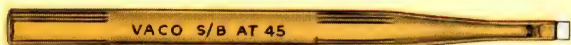


No. AT 5510
has 24 AT 510 (10") Aligners

These are colorful, easel-back displays that step up sales. Weight, each 1 lb. Size 9"x14".



AT 45 Non-Magnetic Metal Tip Aligner



- Stainless Steel Bit
- Non-magnetic, slight capacitance
- Amberyl plastic handle

Stock Number	Body Size	Bit Diameter	Shelf Package	Weight per Doz.
AT 45	3/8" x 5 1/2"	3/16"	6	6 oz.

No. AT 450 Display

Contains two dozen AT 45 Aligners with stainless steel, non-magnetic tips. Display has easel back. 14" x 9". Weight per card.....14 oz.



Vari-Board® Shelves

SHELF No. 8

RADIO & TV SPECIALS

Quan.	Stk. No.	Description
6	VB 210	1/8" x 8" Non-Magnetic
6	AT 510	10" Bone Fiber Aligner
6	AT 55	5" Bone Fiber Aligner
6	OK 38	3/4" x 8" Screw Holding
6	OK 36	3/4" x 6" Screw Holding
6	OK 28	1/2" x 8" Screw Holding
6	OK 26	1/2" x 6" Screw Holding
6	VR 281	1/8" x 8" Insulated
6	VR 361	3/16" x 6" Insulated
6	A 116-3	3/32" x 3" Pocket Clip
6	A 116-2	3/32" x 2" Pocket Clip
6	A 130-3	1/8" x 3" Pocket Clip
6	A 130-2	1/8" x 2" Pocket Clip
6	AN 2	High Frequency Tester

84 Screw Drivers, Wt. 7 lbs.

SHELF No. 11

RADIO & TV SPECIALS

Quan.	Stk. No.	Description
6	A 130-2	1/8" x 2" Pocket Clip
6	A 116-2	3/32" x 2" Pocket Clip
6	OK 26	1/2" x 6" Screw Holding
6	A 316-4	3/16" x 4" Round
6	A 316-6	3/16" x 6" Round
6	A 416-4	1/4" x 4" Round
6	A 416-6	1/4" x 6" Round



Quan.	Stk. No.	Description
6	A 216-6	1/8" x 6" Round
6	A 216-8	1/8" x 8" Round
6	VR 281	1/8" x 8" Insulated Blade
6	AT 510	3/32" x 10" Bone Fiber Aligner
6	VB 210	1/8" x 10" Non-Magnetic Adjuster

72 Screw Drivers, Wt. 7 1/2 lbs.

See Pages 34-39 for Complete Vari-Board Information



Interchangeable Tool Kit Components

Interchangeable Handles and Drivers for All VACO Vari-Blade Kits

The components illustrated below cover the complete range of handles and blades using VACO's patented construction . . . are all *interchangeable*. Thus VACO tool buyers can make up tool sets to suit their own individual needs using any combination of handles and blades shown.



ZH 2 Heavy Duty Handle with Clutch $1\frac{1}{8}" \times 4\frac{1}{4}"$
ZH 1 Medium Duty Handle with Clutch $1" \times 3\frac{3}{8}"$



ZB 24 $\frac{1}{8}" \times 3\frac{3}{4}"$ Straight Slot Blade
ZB 34 $\frac{3}{16}" \times 3\frac{3}{4}"$ Straight Slot Blade



ZB 45 $\frac{1}{4}" \times 4\frac{3}{4}"$ Straight Slot Blade
ZB 56 $\frac{5}{16}" \times 6"$ Straight Slot Blade



ZP 01 No. 0 Phillips $\times 3"$ Blade
ZP 14 No. 1 Phillips $\times 3\frac{3}{4}"$ Blade



ZP 24 No. 2 Phillips $\times 3\frac{3}{4}"$ Blade



ZX 56 5" Bit Extension



ZA 1 $\frac{1}{16}" \times 4\frac{3}{4}"$ Allen Hex Bit
ZA 2 $\frac{3}{64}" \times 4\frac{3}{4}"$ Allen Hex Bit



ZA 3 $\frac{3}{32}" \times 4\frac{3}{4}"$ Allen Hex Bit
ZA 4 $\frac{1}{8}" \times 4\frac{3}{4}"$ Allen Hex Bit



ZA 5 $\frac{5}{32}" \times 4\frac{3}{4}"$ Allen Hex Bit
ZA 6 $\frac{3}{16}" \times 4\frac{3}{4}"$ Allen Hex Bit



ZCH 43 $\frac{1}{8}" \times 3\frac{3}{4}"$ Clutch Head Bit
ZCH 54 $\frac{3}{32}" \times 3\frac{3}{4}"$ Clutch Head Bit
ZCH 64 $\frac{3}{16}" \times 3\frac{3}{4}"$ Clutch Head Bit



ZCH 86 $\frac{1}{4}" \times 3\frac{3}{4}"$ Clutch Head Bit
ZCH 106 $\frac{5}{16}" \times 4\frac{3}{4}"$ Clutch Head Bit



ZR 15 $\frac{3}{8}" \times 3\frac{3}{4}"$ Reamer Bit



ZS 6 $\frac{3}{16}" \times 3"$ Hex Wrench
ZS 8 $\frac{1}{4}" \times 3"$ Hex Wrench
ZS 10 $\frac{5}{16}" \times 3"$ Hex Wrench



ZS 11 $1\frac{1}{32}" \times 3"$ Hex Wrench
ZS 12 $\frac{3}{8}" \times 3"$ Hex Wrench



ZS 14 $\frac{7}{16}" \times 3"$ Hex Wrench
ZS 16 $\frac{1}{2}" \times 3"$ Hex Wrench



ZW 1 Scratch Awl



ZD1 Drift Punch



ZR 1 No. 1 Robertson Socket Head $\times 4"$
ZR 2 No. 2 Robertson Socket Head $\times 4"$



ZR 3 No. 3 Robertson Socket Head $\times 4"$



ZK 2 $\frac{1}{8}" \times 4"$ Klipxon Screw Driver
ZK 3 $\frac{3}{16}" \times 4"$ Klipxon Screw Driver



ZK 4 $\frac{1}{4}" \times 4"$ Klipxon Screw Driver
ZK 5 $\frac{5}{16}" \times 5"$ Klipxon Screw Driver



ZSN 2 Nut Holder, 5" Blade



ZSN 1 Screw Holder, 5" Blade

EMPTY TOOL BAGS ALSO AVAILABLE

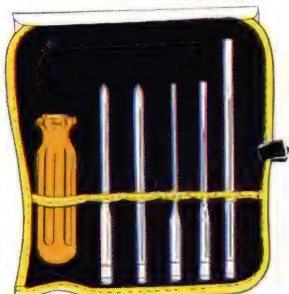
- ZR 77 7 Section Bag as used in ZBX51 Kit
- ZR 78 14 Section Bag as used in RT14 Kit
- ZR 79 36 Section Bag as used in TV27 Kit



Vari-Blade Tool Kits

ZBX 51 Screw Driver Kit

■ Contains 3 regular and 2 Phillips interchangeable bits plus 5" extension which doubles the utility of each driver. Break-proof, shock-proof Amberyl handle. All shanks of oil tempered Chrome Vanadium steel . . . precision made to eliminate wobble.



ZB 50

Complete Kit Includes: 1—ZH 1 Amberyl Handle with Clutch, 1" x 3 $\frac{3}{8}$ ", 1—ZB 24 Blade $\frac{1}{8}$ " x 3 $\frac{3}{4}$ " Out of Handle, 1—ZB 34 Blade $\frac{3}{16}$ " x 3 $\frac{3}{4}$ " Out of Handle, 1—ZB 45 Blade $\frac{1}{4}$ " x 4 $\frac{3}{4}$ " Out of Handle, 1—ZP 14 Blade No. 1 Phillips x 3 $\frac{3}{4}$ ", 1—ZP 24 Blade No. 2 Phillips x 3 $\frac{3}{4}$ ", 1—ZX 56 Five Inch Extension, 1—ZR 77 Seven Section Heavy Plastic Tool Roll. Weight, each, 10 oz.

ZB 50 SCREW DRIVER KIT

Same as ZBX 51 Kit, but without 5" extension. ZX 56 extension may be ordered later and kept in the extra compartment provided. Weight, each, 8 oz.



ZBX 51

ZSX 61 Nut Driver Kit

■ Contains 5 nut drivers from $\frac{1}{4}$ " to $\frac{7}{16}$ ", plus handy 5" extension. Fine for all kinds of radio and TV servicing, automotive and electrical work.

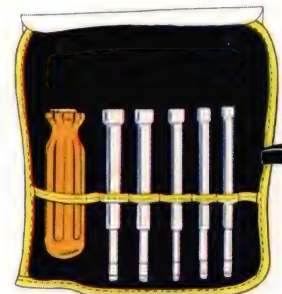
Complete Kit Includes: 1—ZH 1 Amberyl Handle with Clutch, 1" x 3 $\frac{3}{8}$ ", 1—ZS 8 Hex Wrench $\frac{1}{4}$ " x 3" Out of Handle, 1—ZS 10 Hex Wrench $\frac{5}{16}$ " x 3" Out of Handle, 1—ZS 11 Hex Wrench $\frac{11}{32}$ " x 3" Out of Handle, 1—ZS 12 Hex Wrench $\frac{3}{8}$ " x 3" Out of Handle, 1—ZS 14 Hex Wrench $\frac{7}{16}$ " x 3" Out of Handle, 1—ZX 56 Five Inch Extension, 1—ZR 77 Seven Section Heavy Plastic Tool Roll. Weight, each, 12 oz.



ZSX 61

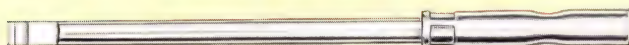
ZS 60 KIT

Same as ZSX 61, above, but without 5" extension. ZX 56 extension may be ordered later and kept in the extra compartment provided. Weight, each, 10 oz.

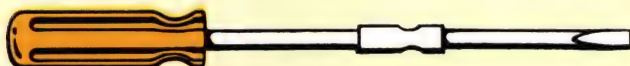


ZS 60

5" EXTENSION NO. ZX 56



The VACO ZX 56 Extension enables you to double the use of each Vari-Blade. Quickly transforms a 3" blade into an extra long blade.



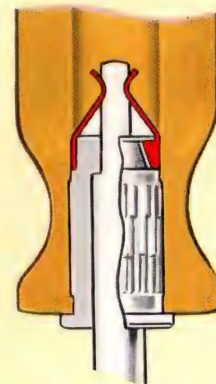
How It Works — Blade fits securely into extension socket . . . Extension fits securely into handle. Entire assembly provides a rigid tool with extra long reach.

*See Page 22 for Complete Listings
of VACO Vari-Blades
for Use with VACO Interchangeable Handles.*

PATENTED CONSTRUCTION

VACO's interchangeable Vari-Blades use an ingenious, patented locking principle that holds handle and blade together as rigidly as a one-piece tool. Tang end of blade snaps into clutch of VACO ZH 1 and ZH 2 handles without any adjustments or settings required.

Patent No. 2,483,563





Vari-Blade Tool Kits

All Blades and Handles Are Interchangeable!

No. ZA 70 "Allen" Hex Driver Kit



- 1—ZH 1 Amberyl Handle with Clutch (1" x 3 3/8")
- 1—ZA 1 Hex Bit 1/8" x 4 3/4" Out of Handle
- 1—ZA 2 Hex Bit 3/16" x 4 3/4" Out of Handle
- 1—ZA 3 Hex Bit 1/4" x 4 3/4" Out of Handle
- 1—ZA 4 Hex Bit 5/16" x 4 3/4" Out of Handle
- 1—ZA 5 Hex Bit 3/8" x 4 3/4" Out of Handle
- 1—ZA 6 Hex Bit 7/16" x 4 3/4" Out of Handle
- 1—ZR 77 Seven Section Plastic Tool Roll

Individually Boxed. Wght., ea., 10 oz.

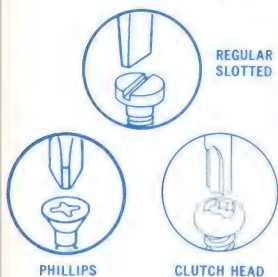
No. ZCH 65 Clutch Head Kit



- 1—ZH 1 Amberyl Handle with Clutch (1" x 3 3/8")
- 1—ZCH 43 Bit—1/8" x 3 3/4" Out of Handle
- 1—ZCH 54 Bit—3/16" x 3 3/4" Out of Handle
- 1—ZCH 64 Bit—1/4" x 3 3/4" Out of Handle
- 1—ZCH 86 Bit—5/16" x 3 3/4" Out of Handle
- 1—ZCH 106 Bit—3/8" x 4 3/4" Out of Handle
- 1—ZR 77 Seven Section Plastic Tool Roll

Individually Boxed. Weight, ea. 8 oz.

No. ZU 75 Regular-Phillips-Clutch Head Kit



- 1—ZH 1 Amberyl Handle with Clutch (1" x 3 3/8")
- 1—ZB 34 Regular Blade 3/16" x 3 3/4" Out of Handle
- 1—ZB 45 Regular Blade 1/4" x 4 3/4" Out of Handle
- 1—ZP 14 Phillips Blade No. 1 x 3 3/4" Out of Handle
- 1—ZP 24 Phillips Blade No. 2 x 3 3/4" Out of Handle
- 1—ZCH 54 Clutch Head Blade 3/16" x 3 3/4" Out of Handle

- 1—ZCH 64 Clutch Head Blade 3/16" x 3 3/4" Out of Handle
 - 1—ZR 77 Seven Section Plastic Tool Roll
- Individually Boxed. Wght., ea., 10 oz.

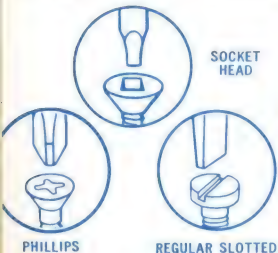
No. ZK 85 Klipxon Screw Holding Kit



- 1—ZH 1 Amberyl Handle with Clutch (1" x 3 3/8")
- 1—ZK 2 Screw Holding Blade 1/8" x 4" Out of Handle
- 1—ZK 3 Screw Holding Blade 3/16" x 4" Out of Handle
- 1—ZK 4 Screw Holding Blade 1/4" x 4" Out of Handle
- 1—ZK 5 Screw Holding Blade 3/8" x 5" Out of Handle
- 1—ZR 77 Seven Section Plastic Tool Roll

Individually Boxed, Wght. ea., 12 oz.

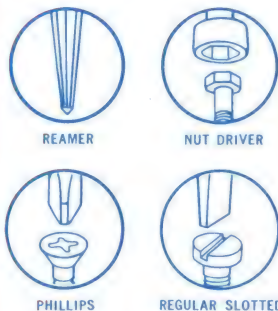
No. ZC 80 Socket Head (Robertson)-Phillips-Regular Kit—Especially suited to Canadian use



- 1—ZH 1 Amberyl Handle with Clutch (1" x 3 3/8")
- 1—ZR 1 Socket Head (Robertson) Blade No. 1 Point x 4"
- 1—ZR 2 Socket Head (Robertson) Blade No. 2 Point x 4"
- 1—ZP 14 Phillips Blade No. 1 x 3 3/4" Out of Handle
- 1—ZP 24 Phillips Blade No. 2 x 3 3/4" Out of Handle
- 1—ZB 34 Regular Blade 3/16" x 3 3/4" Out of Handle

- 1—ZB 45 Regular Blade 1/4" x 4 3/4" Out of Handle
 - 1—ZR 77 Seven Section Plastic Tool Roll
- Individually Boxed. Wght., ea., 8 oz.

No. ZSR 90 Reamer, Nut & Screw Driver Kit



- 1—ZH 1 Amberyl Handle with Clutch (1" x 3 3/8")
- 1—ZS 8 Hex Wrench 1/4" x 3" Out of Handle
- 1—ZS 10 Hex Wrench 3/16" x 3" Out of Handle
- 1—ZB 34 Regular Blade 3/16" x 3 3/4" Out of Handle
- 1—ZB 45 Regular Blade 1/4" x 4 3/4" Out of Handle

- 1—ZP 24 Phillips Blade No. 2 Point x 3 3/4" Out of Handle
 - 1—ZR 15 Reamer Bit
 - 1—ZR 77 Seven Section Plastic Tool Roll
- Individually Boxed. Wght., ea., 12 oz.



Radio, TV, General Purpose Tool Kits

Especially Designed for Radio and TV Service Work

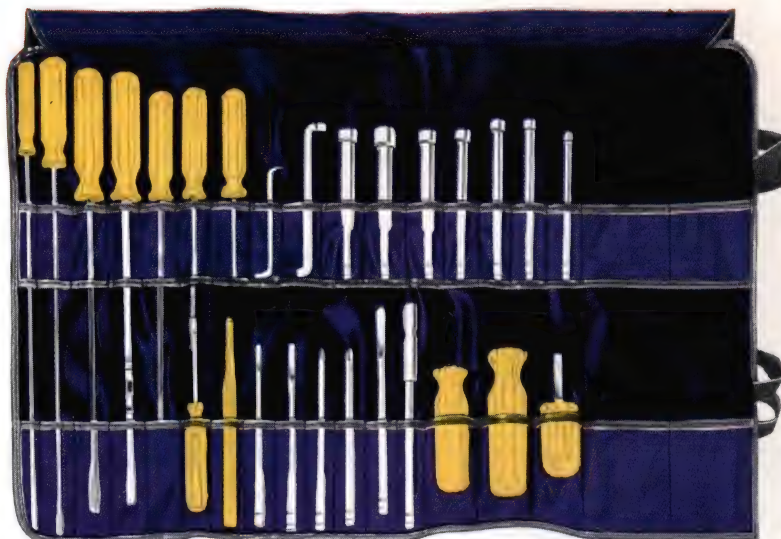
No. TV 27

Master Selection

Radio-TV Kit

Especially made at the request of hundreds of servicing, jobbing and production men, this unique kit contains practically every hand tool necessary for television and radio work plus extra pockets for pliers and other personal tools depending on individual preferences. This kit is also suitable for general maintenance and repair work in every mechanical field.

Size 20" x 13½". Wt., each, 2 lbs. 10 oz.



Contains One Each of the Following:

- 1—A 132 ¼" Stub
- 1—ZH 2 Heavy Duty Handle
- 1—ZH 1 Medium Duty Handle
- 1—ZX 56 5" Extension
- 1—ZB 45 ¼" Regular Bit
- 1—ZB 34 ⅜" Regular Bit
- 1—ZB 24 ⅛" Regular Bit
- 1—ZP 24 No. 2 Phillips Bit
- 1—ZP 14 No. 1 Phillips Bit

- 1—ZS 6 ⅜" Hex Wrench
- 1—ZS 8 ¼" Hex Wrench
- 1—ZS 10 ⅝" Hex Wrench
- 1—ZS 11 ⅞" Hex Wrench
- 1—ZS 12 ⅜" Hex Wrench
- 1—ZS 14 7/16" Hex Wrench
- 1—ZS 16 ½" Hex Wrench
- 1—AT 45 ⅜" Metal Tip Aligner
- 1—A 116-2 ⅜" Pocket Clip
- 1—PO1 No. 1 Phillips Thin Blade

- 1—OK 24 ⅛" Screw Holding
- 1—VR 261 ⅛" Insulated Blade
- 1—OK 38 ⅜" Screw Holding
- 1—VR 381 ⅜" Insulated Blade
- 1—VB 210 ⅛" x 10" Non-Magnetic Adjuster
- 1—AT 510 ⅜" Fiber Television Aligner
- 1—VO 2 Medium Offset Screw Driver
- 1—VO 1 Small Offset Screw Driver
- 1—ZR 79 36 Section Plastic Tool Roll



V100 Kit Vari-Board (24" x 24")

Includes 3 each of kits: ZBX 51; ZSX 61; ZCH 65; ZA 70; ZSR 90; RT 14 (one each to be mounted on the board). Weight, 20 lbs.

V50 Kit Vari-Board (12" x 24")

Includes 3 each of kits: ZBX 51; ZSX 61; RT 14 (one each to be mounted on the board). Weight, 13 lbs.



No. RT 14 All Purpose Kit

Contains one each of the following:

- 1—ZH 2 Heavy Duty Handle
- 1—ZP 14 No. 1 Phillips Bit
- 1—ZP 24 No. 2 Phillips Bit
- 1—ZB 24 ⅛" Regular Bit
- 1—ZB 34 ⅜" Regular Bit
- 1—ZB 45 ¼" Regular Bit
- 1—ZX 56 5" Extension
- 1—ZS 6 ⅜" Hex Wrench
- 1—ZS 8 ¼" Hex Wrench
- 1—ZS 10 ⅝" Hex Wrench
- 1—ZS 11 ⅞" Hex Wrench
- 1—ZS 12 ⅜" Hex Wrench
- 1—ZS 14 7/16" Hex Wrench
- 1—ZS 16 ½" Hex Wrench
- 1—ZR 78 Fourteen Section Plastic Tool Roll

Size 11" x 8". Weight, each, 1 lb. 8 oz.

No. RT 17 General Utility Kit

Especially Designed for the Canadian Market

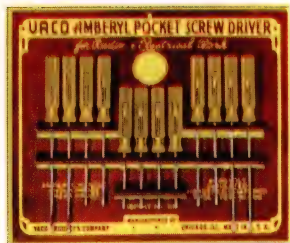
Contains the same numbers included in the No. RT 14 Kit plus one each of these Socket Head (Robertson) blades: ZR 1, No. 1 point; ZR 2, No. 2 point; and ZR 3, No. 3 point. Size 12½" x 8". Weight, each 1 lb. 8 oz.



Counter Displays and Assortments

**These Self Merchandisers Step Up Impulse Purchases . . .
Increase Profits!**

- Carded displays of VACO screw drivers definitely sell more . . . produce *extra* profits from small space on counters, along the aisles or from any store area where traffic flows. Use these VACO displays freely and be pleasantly surprised at the increased volume of small hand tool sales.



No. A 138

Pocket Clip Screw Drivers

12 assorted No. A 130-2 and A 130-3 ($\frac{1}{8}$ " x 2" and $\frac{1}{8}$ " x 3" blades). Card size, 10 $\frac{1}{4}$ " x 8 $\frac{3}{4}$ ". Weight, per card 9 oz.



No. A 1116

Pocket Clip Screw Drivers

12 assorted No. A 116-2 and A 116-3 ($\frac{3}{32}$ " x 2" and $\frac{3}{32}$ " x 3" blades). Card size, 10 $\frac{1}{4}$ " x 8 $\frac{3}{4}$ ". Weight, per card 9 oz.

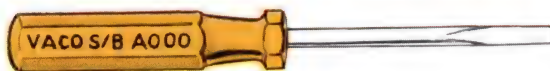


No. A 238

Pocket Clip Screw Drivers

12 No. A 230-2 ($\frac{1}{8}$ " x 2" blades). Card size 9 $\frac{1}{2}$ " x 8 $\frac{1}{2}$ ". Weight, per card 8 oz.

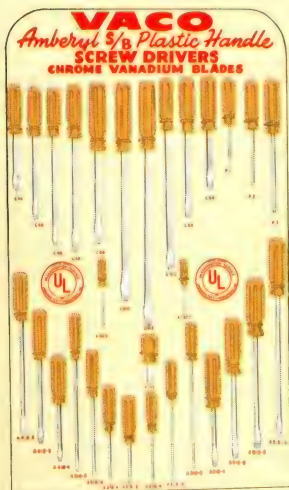
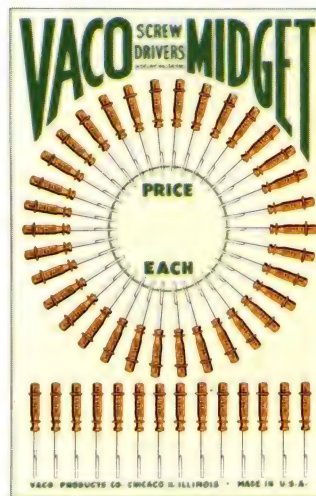
No. DA 480 Midget Screw Driver Display



ACTUAL SIZE

Even the most casual shopper can't resist the appeal of this tiny screw driver. It's a natural for impulse buying! Though it's the baby of the wide VACO line . . . it's a real tool in its own right . . . as useful as it is attractive. Fine for eyeglasses, sewing machines, electric shavers, cigarette lighters, fishing reels, cameras, instruments, radio and TV knobs, appliances, etc.

Contains 48 Midget Screw Drivers with $\frac{3}{32}$ " x $1\frac{3}{8}$ " blade (2 $\frac{3}{4}$ " overall). Card size, 9" x 14". Weight, per card 10 oz.



**C 110U Permanently Mounted
Screw Driver Display**

Ideal for hardware stores, tool supply jobbers, etc., who wish to mount a permanent display for reference use. 110 assorted square, round and Phillips screw drivers. 30 drivers fastened to board with "U" bolts. Balance in shelf stock. Display and shelf stock include:

6 No. A 130-2; 6 No. A 130-3; 5 No. A 216-4; 4 No. A 216-6; 4 No. A 216-8; 5 No. A 316-3; 6 No. A 316-4; 6 No. A 316-6; 4 No. A 316-8; 4 No. A 416-4; 4 No. A 416-6; 3 No. A 416-8; 3 No. A 516-4; 3 No. A 516-6; 3 No. A 516-8; 3 No. A 516-10; 4 No. P 1; 4 No. P 2; 3 No. P 3; 4 No. C 44; 4 No. C 46; 3 No. C 48; 3 No. C 54; 3 No. C 56; 3 No. C 58; 2 No. C 510; 2 No. C 66; 2 No. C 610; 2 No. C 612; 2 No. A 135.

Display measures 20" x 35".
Weight, packed 30 lbs.

No. A 5 Boxed Assortment



Contains 5 of the most popular VACO Screw Drivers neatly boxed in sturdy paper carton for convenient stocking requirements. Assortment includes one each:

C 58 $\frac{5}{16}$ " x 8" square blade
A 416-5 $\frac{1}{4}$ " x 5" round blade
A 316-5 $\frac{3}{16}$ " x 5" round blade
A 132 $\frac{1}{4}$ " x $1\frac{1}{4}$ " stubby
A 130-2 $\frac{1}{8}$ " x 2" pocket clip

Weight, each . . . 1 lb.



Plastic Mallets

Breakproof Plastic Heads...Hickory Handles

■ These tough Pyrolene-head mallets are ideal for die makers, for work on pre-finished metals by jewelers and sheet metal workers and for use on non-ferrous soft sheet metals. Their performance makes them a desirable substitute for hammers made with copper, rawhide, composition, rubber, etc. The dense, resilient, solid plastic heads are hard to damage, yet may be faced back with a file or grinding wheel as wear occurs or they may be shaped for special purpose use. The extra material in the head prolongs their usable life many times beyond heads of plastic insert types. All heads are pinned through the handles for life-long rigidity . . . handles are of select, second growth hickory — the best available stock.

Stock No.	Head Diameter	Weight of Head	Head Length	Handle Length	Weight Each
 H 00	3/4"	1 1/2 oz.	3 1/4"	8 1/2"	2 oz.
 H 0	1"	2 1/2 oz.	4"	9 1/2"	3 oz.
 H 1	1 1/4"	4 oz.	4 1/2"	10 1/2"	6 oz.
 H 2	1 1/2"	7 1/2 oz.	5 1/2"	12"	10 oz.
 H 4	2"	16 oz.	6"	14"	1 lb. 2 oz.



5 Sizes Available — Individually Packaged

SPECIAL APPLICATION TOOLS



A substantial part of VACO's large production of fine screw and nut drivers is taken by industry in the form of custom built units made to customers' specifications. Illustrated above are a few of the many special purpose tools made in the past. These are not available except on special order in quantity lots and are illustrated here only to show the type of tools that may be designed and manufactured according to your own drawings and specifications.

Inquiries for Individually Designed Pieces are Welcome

MADE ONLY TO SPECIAL ORDER IN QUANTITY LOTS (Not available from stock)

- A-B-C—Aircraft carburetor adjusters.
- D—Aircraft engine valve adjuster.
- E—Socket handle, flexible shaft, bits.
- F—Flexible shaft socket wrench.
- G—Insulated battery wing nut socket.
- H—Aircraft engine box socket and adjuster.
- I-J—Radio and radar cross slot offset drivers.
- K—Counterclockwise reverse action screw loosener.
- L—Spatula bit screw driver.
- M-N—Equipment units for instrument adjusting.
- O—Raised ridge screw socket adjuster.
- P—Swivel cap optician type instrument adjuster.
- Q—Offset slotted for raised ridge screws.
- R—Short socket for panel connector servicing.
- S—Socket driver for straight side screws.
- T—Pronged socket driver for side slotted screws.
- U—T—Handle straight bit driver.
- V-W —Wood handled electrical units service drivers.
- Y—Flexible shaft screw driver.
- Z—Pronged-end instrument screw adjuster.



Screw and Nut Driver Specialty Tools



Screw and Nut Holding Drivers for Radio, Electronics, Automotive, Electrical and Industrial Use

(Patent Pending)

■ These two new automatic grip drivers are capable of infinite adjustment to any screw or nut within their size range. The wedging action of the plastic collar on the spring steel grippers eliminates all wobble. The $\frac{1}{8}$ " bit in the screw holding driver provides proper contact for various types of regular and recessed head screws. The hex form of the grippers on the nut holding driver assures perfect results when driving or unscrewing nuts. Both are light weight, beautifully balanced, easy to use!

Screw Holding Driver

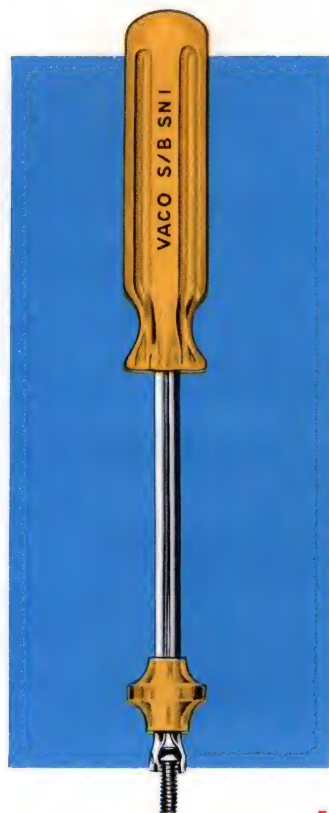
For starting regular slotted, Phillips or Reed & Prince Screws

Stock Number	Handle Diameter and Length	Gripper Length	Bit Size	Overall Length	Shelf Package	Weight per Doz.
SN 1	$\frac{5}{8}$ " x 2 $\frac{3}{4}$ "	2 $\frac{5}{8}$ "	$\frac{1}{8}$ "	5 $\frac{3}{4}$ "	6	1 lb.

Nut Holding Driver

Takes hex nuts up to $\frac{1}{2}$ " across flats

Stock Number	Handle Diameter and Length	Gripper Length	Overall Length	Shelf Package	Weight per Doz.
SN 2	$\frac{5}{8}$ " x 2 $\frac{3}{4}$ "	2 $\frac{5}{8}$ "	5 $\frac{3}{4}$ "	6	1 lb.



HOW THEY WORK

Screw Holder



Fit screw driver blade into slot of screw. Then move plastic collar down until screw is held firmly by grippers. Screw is now ready for installation.



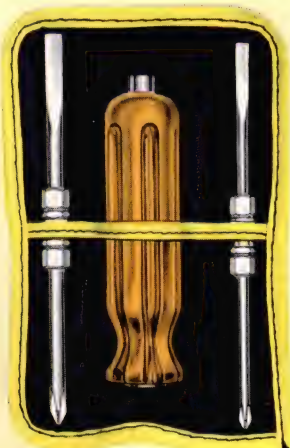
Nut Holder



Hold hex nut between grippers and slide plastic collar down until nut is held firmly in place by grippers. Nut is now ready for installation.



See Page 22 for Interchangeable Blades



No. DSK 40 SCREW and NUT DRIVER KIT

Here's a kit that offers four screw drivers in one plus a $\frac{1}{4}$ " nut driver. Perfect for removing back panel from any TV set or for appliance and electrical work.

Contains:

- 1—"Reversible" Blade with:
No. 1 Phillips on one end
 $\frac{3}{16}$ " Regular Bit on other end.
- 1—"Reversible" Blade with:
No. 2 Phillips on one end
 $\frac{1}{4}$ " Regular Bit on other end.
- 1— $1\frac{1}{16}$ " x 4" Ambery Plastic Handle with $\frac{1}{4}$ " Nut Driver Wrench on dome end.
- 1—Three Section Leatherette Tool Roll.

Packed 6 kits to box. Weight, per dozen... 4 lbs.

For Complete Vari-Blade Kit Selection See Pages 22-25



Swedish Wood Chisels



With World-Famous Charcoal Steel Blades

■ Every VACO Swedish Steel Wood Chisel is made from imported charcoal tool steel, with a hand-honed bit that is scientifically heat treated and tempered to hold a razor-edge. Fitted with famous VACO hammer-proof plastic handles, these tools are unexcelled for durability and ease of handling. Size is stamped on each handle, and each blade and cutting edge is protected until use by a plastic coating.




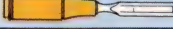

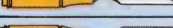
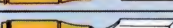


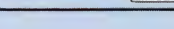
Every Blade
Plastic Coated!







Provides Complete
Protection for
Hands and Chisel
Cutting Edges

Whether VACO Swedish Steel Wood Chisels are sold from bins or from a Vari-Board Display, the protective plastic blade jackets keep bit edges razor-sharp until use. These jackets also prevent accidental injury to the hands during stock handling. After chisels are used, the jackets can easily be slipped back. This prevents nicking of bit edges, especially if chisels are carried loose in a tool box. It also prevents rusting in corrosive or humid atmospheres.



Stock Number	Blade Size	Handle Dimensions		Overall Length	Shelf Package	Weight per Dozen
		Length	Diameter			
 SC 14	1/4"	3 3/4"	7/8"	7 1/4"	3	2 lbs.
 SC 38	3/8"	3 3/4"	7/8"	7 1/4"	3	2 lbs. 8 oz.
 SC 50	1/2"	3 3/4"	7/8"	7 1/2"	3	2 lbs. 10 oz.
 SC 58	5/8"	4"	1 1/2"	7 3/4"	3	3 lbs. 6 oz.
 SC 75	3/4"	4"	1 1/2"	7 3/4"	3	3 lbs. 12 oz.
 SC 78	7/8"	4"	1 1/2"	7 3/4"	3	3 lbs. 14 oz.
 SC 100	1"	4 1/8"	1 3/4"	8"	3	4 lbs. 2 oz.
 SC 125	1 1/4"	4 1/8"	1 3/4"	8 1/4"	3	5 lbs. 6 oz.
 SC 150	1 1/2"	4 1/4"	1 1/4"	8 1/4"	1	8 lbs.
 SC 200	2"	4 1/4"	1 1/4"	8 3/4"	1	10 lbs.

CHISEL HANDLES

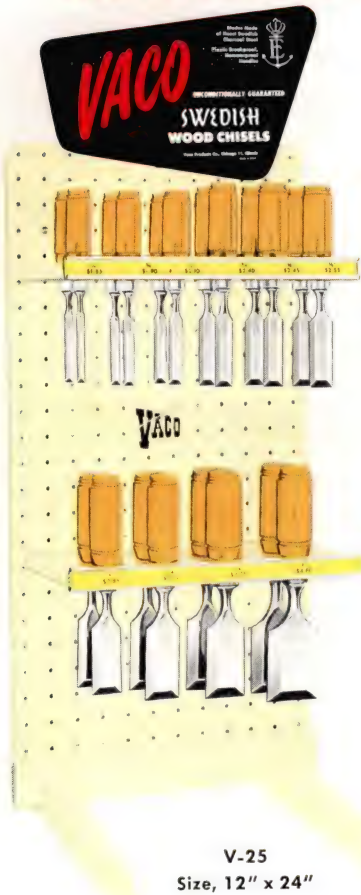
 CH 1	7/8" x 3 3/4" . . . for 1/4", 3/8", 1/2" chisels
 CH 2	1 1/2" x 4" . . . for 5/8", 3/4", 7/8" chisels
 CH 3	1 3/4" x 4 1/8" . . . for 1", 1 1/4" chisels
 CH 4	1 1/4" x 4 1/4" . . . for 1 1/2", 2" chisels

Pre-drilled for use with any tanged chisel. Plastic is fire-safe and hammer-proof. A good item to have on hand . . . available in four sizes.



Chisel Vari-Boards® and Kits

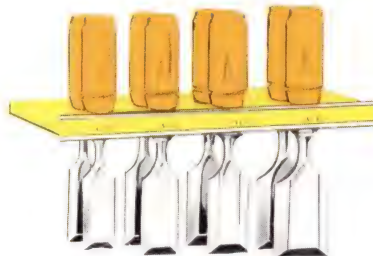
The Modern, Easy, Profitable Way To Sell Chisels



■ VACO Swedish Wood Chisel Vari-Boards enable you to have an efficient, colorful, attention-compelling chisel "department" anywhere in your store with the right assortment of popular wood chisels properly displayed to increase turnover, step up dollar volume. The Vari-Board, with legs, is ideal for counter use. The display without legs may be mounted on cupboard walls, pillars or any other vertical surface. Measures only 12" wide, 24" high, 6" deep and holds two each of 10 different chisel sizes. Net weight each, complete with stock, 12 lbs.

VARI-BOARD® SHELVES

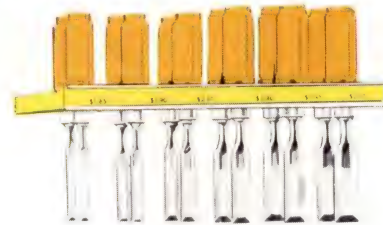
for use with any perforated backboard or with Vari-Board shelf brackets



SHELF NO. 15

QUAN.	STOCK NO.	DESCRIPTION
2	SC 100	1" Wood Chisel
2	SC 125	1 1/4" Wood Chisel
2	SC 150	1 1/2" Wood Chisel
2	SC 200	2" Wood Chisel

8 Chisels. Weight, 5 3/4 lbs.



SHELF NO. 16

QUAN.	STOCK NO.	DESCRIPTION
2	SC 14	1/4" Wood Chisel
2	SC 38	3/8" Wood Chisel
2	SC 50	1/2" Wood Chisel
2	SC 58	5/8" Wood Chisel
2	SC 75	3/4" Wood Chisel
2	SC 78	7/8" Wood Chisel

12 Chisels. Weight, 7 lbs.

VACO SWEDISH WOOD CHISEL KITS



SCK 4—Home Workshop Kit

Contains 4 chisels selected to meet the needs of the average home workshop. Each chisel enclosed in its own pocket. Handles protected by plastic flap at top. Includes 1/4", 1/2", 3/4" and 1" chisels.

Weight, individually boxed, 1 lb.



SCK 6—General Purpose Kit

Contains 6 popular chisels. Meets most needs of the average buyer. Entire assortment rolls up into one kit providing complete protection for handles and blades. Includes 1/4", 1/2", 3/4", 1", 1 1/2" and 2" chisels.

Weight, individually boxed, 2 1/2 lbs.



SCK 10—Professional Style Kit

The professional craftsman will find in this 10-piece kit every chisel he normally might use. Each has its own compartment. Handles are protected by soft cloth side flaps when kit is tied into roll. Includes 1/4", 3/8", 1/2", 5/8", 3/4", 7/8", 1", 1 1/4", 1 1/2" and 2" chisels.

Weight, individually boxed, 4 lbs.



Professional Quality Pliers



Every Plier Unconditionally Guaranteed

■ All VACO pliers are precision built using finest quality materials and modern production methods. Rigid quality controls at every stage of manufacture assure a perfect finished article.

Jaws are milled for sure grip. Cutters are hand honed and perfectly aligned. Handles are fitted for easy operation. Heads are ground and polished. Body of plier has blued finish, except for *Vacgruv* pliers which are chrome plated.

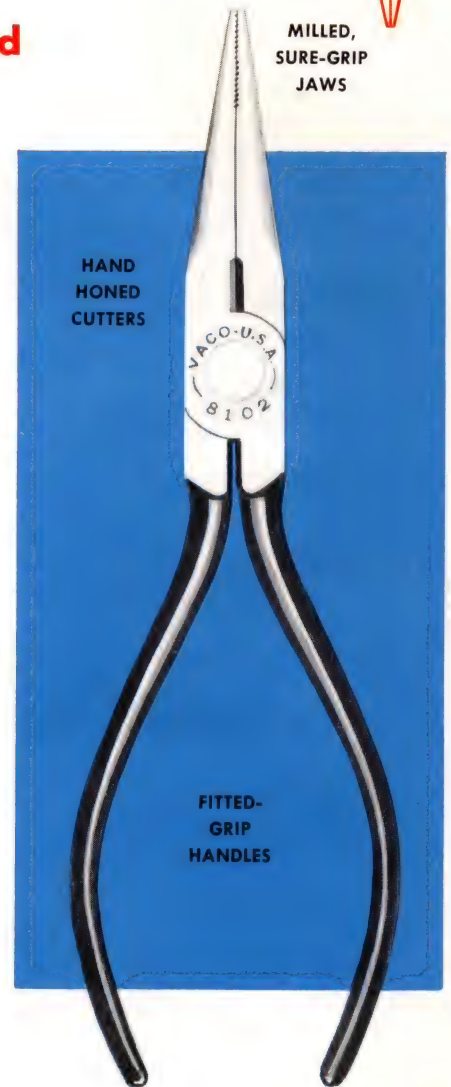
And . . . regardless of type, *every* VACO plier carries an unconditional factory guarantee.

Step Up Plier Sales with VACO Merchandising



With the introduction of VACO Plier Vari-Boards, plier merchandising has been completely revolutionized. Now for the first time in plier history it is possible to make a selection of those pliers suited to the needs of your particular trade with the additional advantage of having a merchandising display to match. See page 34 for complete details of the VACO Plier merchandising program.

All VACO Pliers Conform to Government Plier Specifications GGG-P-471a.



All pliers wrapped
in waxed paper

VACO Convenience Packaging

Each VACO plier is individually packaged and then nested in groups of three for shipment and convenient stock control. Identification of contents is made easy by means of extra legible description and stock number on box top and end. All boxes are attractively printed in yellow and blue on white and illustrated with drawings of representative pliers of the VACO line. Pliers and packages both indicate a line distinguished for professional quality throughout.



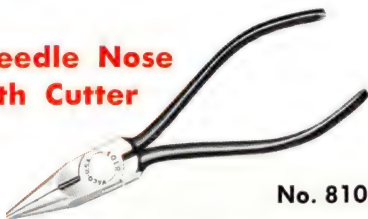
Professional Quality Pliers



Offering Professional Quality Plus Eye and Buy Appeal

■ VACO pliers sell faster because they are made to highest quality standards and finished, packaged and displayed to increase sales. Each individually wrapped plier comes in a 3-color box for maximum eye appeal on the shelf and in the hand. Prominent VACO brand identification and package description help "self service" sales. From package to product, VACO pliers have that "quality" look so important to sales.

Short Needle Nose Plier with Cutter



No. 8101 5"

This plier is intended for general use where a short nose is desired for getting into difficult places. Wt. per Dozen, 2½ lbs.

Long Needle Nose Plier with Cutter



No. 8102 6"

No. 8103 7"

An exceptional handy and useful plier, well proportioned with long thin nose, designed for reaching into tight places. Wt. per Dozen, No. 8102, 4 lbs. Wt. per Dozen, No. 8103, 5¼ lbs.

Curved Needle Nose Plier



No. 8104 6"

The long thin nose of this plier is bent at an angle for reaching in out-of-the-way corners. The angle is arranged to give full clearance and prevent skinning of knuckles. Wt. per Dozen, 4 lbs.

Long Nose Plier



No. 8105 6"

Newly designed long nose plier suitable for working in confined places. Wt. per Dozen, 3½ lbs.

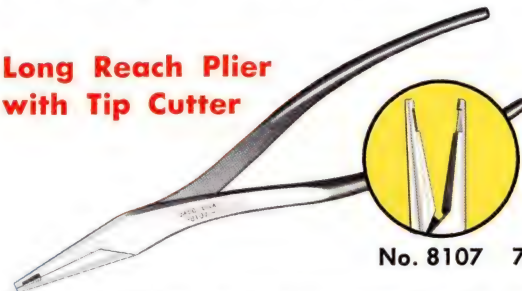
Long Reach Needle Nose Plier



No. 8106 7½"

The long, thin jaws of this tool reach into places where fingers and ordinary pliers will not go, and when they reach, they grip and hold! Wt. per Dozen, 5½ lbs.

Long Reach Plier with Tip Cutter



No. 8107 7½"

Tip cutter plus long reach design makes this plier invaluable for getting into tight places beyond the reach of regular pliers. Wt. per Dozen, 5½ lbs.

Diagonal Cutting Plier



4 Sizes

No. 8201 4½" No. 8203 6"

No. 8202 5" No. 8204 7½"

These pliers are especially designed for electricians, radio and TV service men and automotive mechanics. They have powerful jaws that cut close and quickly. Wt. per Dozen, No. 8201, 2½ lbs. Wt. per Dozen, No. 8202, 3½ lbs. Wt. per Dozen, No. 8203, 4¾ lbs. Wt. per Dozen, No. 8204, 7 lbs.

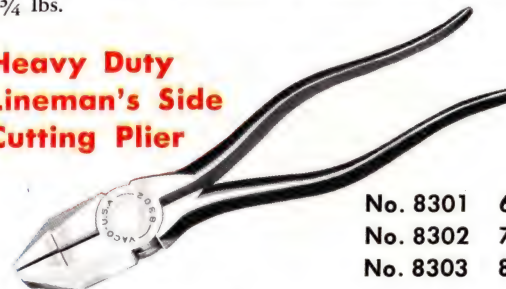
Heavy Duty Diagonal Cutting Plier



No. 8205 7¼"

This is one of the most powerful diagonal pliers made. The long handles give a 20 to 1 ratio of leverage so that it will cut with a minimum of effort. Wt. per Dozen, 6¾ lbs.

Heavy Duty Lineman's Side Cutting Plier



No. 8301 6¼"

No. 8302 7½"

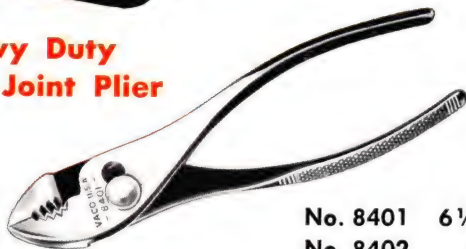
No. 8303 8¾"

Scientific design makes this one of the most popular pliers in use today. Powerful leverage and reinforced cutting knives make it a tool you can recommend to the most exacting mechanic. Wt. per Dozen, No. 8301, 5¾ lbs. Wt. per Dozen, No. 8302, 8 lbs. Wt. per Dozen, No. 8303, 12½ lbs.



Professional Quality Pliers

Heavy Duty Slip Joint Plier



No. 8401 6 1/2"
No. 8402 8"

Here is a real high-grade slip joint combination plier. It has all the quality features of higher priced cutting pliers. No. 8401, Wt. per Dozen, 5 1/2 lbs. No. 8402, Wt. per Dozen, 8 lbs.

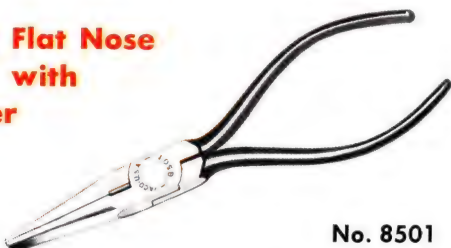
Heavy Duty Slip Joint Plier with Cutter



No. 8403 7 1/2"

This plier incorporates the best features of a regular side cutter with the versatility of a slip joint combination plier. Wt. per Dozen, 7 1/4 lbs.

Long Flat Nose Plier with Cutter



No. 8501 6"

Extra long wide flat nose makes this an especially useful tool. Plier is tempered so jaw will not spring when pressure is applied. Wt. per Dozen, 3 3/4 lbs.

Long Flat Nose Plier



No. 8502 6"

Same as No. 8501 except supplied without cutter. Wt. per Dozen, 4 lbs.

Long Reach Flat Nose Plier



No. 8503 7 1/2"

This plier is fitted with duckbill type jaws wider and heavier than those of the ordinary flat nose. This affords a tool with a firmer gripping service. Wt. per Dozen, 6 lbs.

VACGRUV® (pronounced VAC-GROOVE) is Vaco's registered trade mark name for its multi-groove type, adjustable plier wrench. Available in *FOUR* sizes, each Vacgruv Plier Wrench offers superior construction, quick positioning and supreme grip and versatility found in no other pliers.



VACGRUV
CONSTRUCTION

VACGRUV® Adjustable Ignition Plier Wrench. Chrome Plated



No. 8601 5"

Especially designed for auto mechanics to speed up ignition repairs. 3-position jaws accommodate small to medium large nuts, bolts, etc. Also valuable for radio and TV work. Wt. per Dozen, 1 3/4 lbs.

VACGRUV® Adjustable Plier Wrench. Chrome Plated



No. 8602 6"
No. 8603 8"

Built to provide an especially secure grip on spark plugs, bolts, nuts, feed pipes, gas lines, batteries. Also for conduit work. 3-position jaws open to 5/8", 3/4", respectively. No. 8602, Wt. per Dozen, 4 3/4 lbs. No. 8603, Wt. per Dozen, 8 1/2 lbs.

VACGRUV® Adjustable Plier Wrench. Chrome Plated



No. 8604 10"

A general purpose, heavy duty tool ideal for automotive servicing, electrical conduit work and utility service in the home. Doubles as pipe wrench, gripping plier and hand vise. 5-position jaws open to 1 1/8". Wt. per Dozen, 9 1/2 lbs.



Plier Vari-Boards®



Your Choice of 5 Merchandising Display Assortments

■ Step up sales, increase volume, earn greater plier profits with proven VACO Plier Vari-Boards. Distributors everywhere report good increases in plier sales due to VACO market-tested plier selections as well as impulse purchases resulting from the use of the Vari-Boards themselves. Remember, all pliers selected are fast-movers . . . popular items in steady volume demand. Choose the display most suited to your particular needs.

MASTER Assortment No. V 88

Contains 3 Each of 24 Numbers (72 Pliers)

Shelf 17-1	Shelf 17-2	Shelf 17-3	Shelf 17-4	Shelf 17-5	Shelf 17-6
8201	8601	8503	8105	8401	8104
8202	8602	8106	8103	8402	8301
8203	8603	8502	8102	8403	8302
8204	8604	8501	8101	8205	8303

Size, 24" x 24" x 6". Shipping weight, 45 lbs.

Make Your Own Display Assortment

All VACO plier Vari-Board interchangeable shelves are drilled 4 holes deep with 4 sets of holes across, and provide for price markers across the front. Displays may be made up from factory shelf assortments, or from your own selection of any of the pliers in the complete VACO line. Display board and necessary shelves FREE on request with any 36-plier order.



Size,
12" x 24" x 6"
Shipping weight,
27 lbs.

HARDWARE Assortment No. V 86

Contains 3 Each of 12 Numbers
(36 Pliers)

Shelf 17-7	Shelf 17-8	Shelf 17-9
8604	8202	8402
8603	8203	8401
8302	8101	8403
8301	8102	8205



Size
12" x 24" x 6"
Shipping weight,
26 lbs.

AUTOMOTIVE Assortment No. V 84

Contains 3 Each of 12 Numbers
(36 Pliers)

Shelf 17-10	Shelf 17-11	Shelf 17-12
8604	8202	8403
8603	8203	8402
8602	8204	8401
8601	8205	8102



Size
12" x 24" x 6"
Shipping weight,
22 lbs.

RADIO & TV Assortment No. V 82

Contains 3 Each of 12 Numbers
(36 Pliers)

Shelf 17-13	Shelf 17-14	Shelf 17-15
8204	8101	8106
8203	8102	8503
8202	8103	8105
8201	8501	8104



Size
12" x 24" x 6"
Shipping weight,
27 lbs.

ELECTRICAL Assortment No. V 80

Contains 3 Each of 12 Numbers
(36 Pliers)

Shelf 17-16	Shelf 17-17	Shelf 17-18
8604	8101	8106
8303	8501	8503
8302	8202	8103
8301	8204	8102

No charge for Display Boards



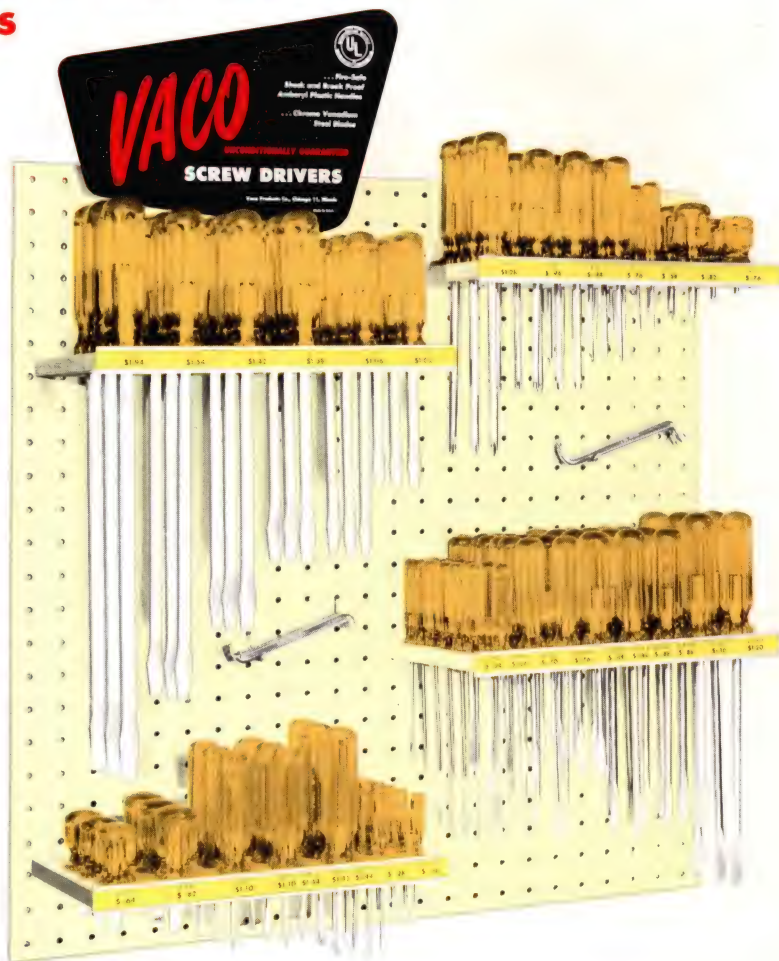
Vari-Board® Merchandisers



Field-Tested, Self-Service Displays that Step Up Impulse Sales and Build Profits!

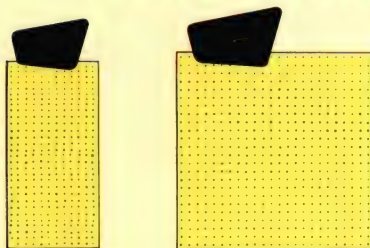
- Each merchandiser designed to offer a complete assortment of tools designed to meet your needs.
- All fast-moving items only.
- A selection of all quality tools.
- Stock control . . . at a glance.
- Self-service price strips . . . easy to use and easy to read.
- Colorful . . . attractive . . . modern . . . practical.

Rapid tool turnover is a proven fact with VACO Vari-Board because complete product visibility is assured by the attention-compelling color combination of display board, merchandise and name plate. Also, you sell *more* tools because the variety of styles and sizes of tools shown suggests added purchases for every need. Remember, VACO Vari-Board . . . the registered trademark name for VACO's sensational self-service tool display . . . has been tested in thousands of hardware, automotive, electrical and electronics outlets all over the world and has proven to be the best tool merchandiser obtainable, *anywhere!*

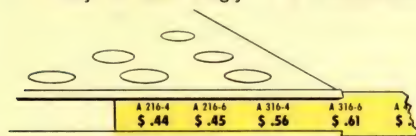


For Wall, Window or Counter Use... A "Department Store" of Tools in ONE Package

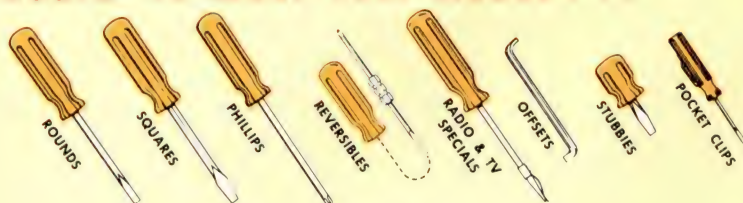
There's a VACO Vari-Board® To Meet Your Needs . . .



VACO Vari-Boards Available in 12" or 24" Widths
... May Be Used Singly or in Combination



VACO Price Strips Are Easily Read . . . Slide In and Out of Holders Easily . . . Eliminate clerk guesswork and Permit Customer Self-service.



For Screw Drivers



For Nut Drivers . . . Pliers . . . Wood Chisels

*Remember . . . You Sell MORE . . . Easier . . . Faster
With a VACO Vari-Board*



Vari-Board® Merchandisers



Everything You Need to Increase Volume . . . Eye-Catching Display plus Self-Service Pricing!



V 120

VACO Vari-Boards come with or without legs for counter use or vertical surface mounting. There is no charge for display board, shelves or price strips on any Vari-Board purchase. (Specify with legs for counter use.)

■ Colorful, attention-compelling VACO Vari-Board has been a proven profit builder wherever store traffic moves. Merchandise and merchandiser attract the eye. A broad selection of items induces impulse purchases and steps-up companion sales. And every tool has a proven record of popularity . . . no slow items. Step up *your* screw driver, nut driver, plier or wood chisel profits with VACO Vari-Boards!

Hardware, Automotive, Industrial Master Screw Driver Display No. V 120

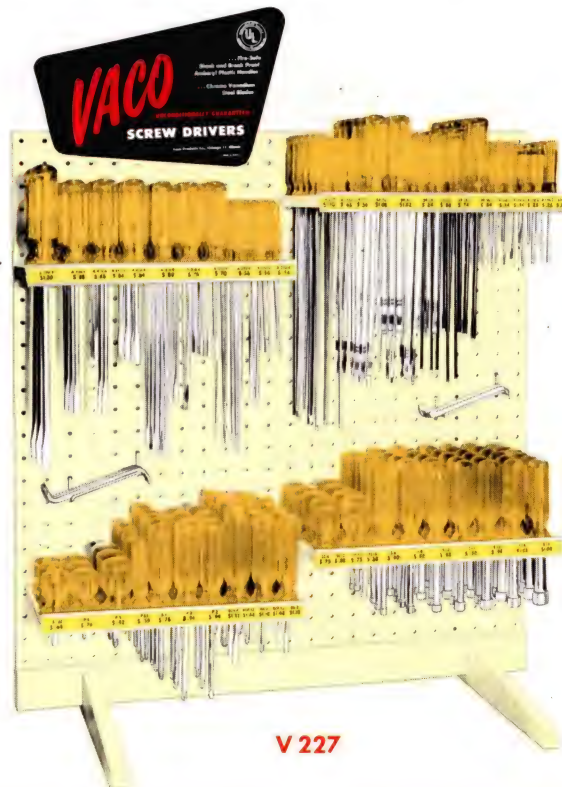
Quan.	Stock No.	Description	Quan.	Stock No.	Description
6	A 216-4	1/8" x 4" Round	6	P 01	No. 0 Phillips
6	A 216-6	1/8" x 6" Round	6	P 1	No. 1 Phillips
6	A 316-4	3/16" x 4" Round	6	P 2	No. 2 Phillips
6	A 316-6	3/16" x 6" Round	3	P 3	No. 3 Phillips
6	A 416-4	1/4" x 4" Round	3	P 5	No. 2 Stubby Phillips
6	A 416-6	1/4" x 6" Round	3	P 6	No. 1 Stubby Phillips
3	A 516-6	5/16" x 6" Round	6	DU 2	Reversible
3	A 516-8	5/16" x 8" Round	3	DUH 4	Reversible
3	C 44	1/4" x 4" Square	3	A 132	1/4" Stubby
3	C 46	1/4" x 6" Square	3	A 135	3/16" Stubby
3	C 56	5/16" x 6" Square	6	A 130-2	2" Pocket Clip
3	C 58	3/8" x 8" Square	6	A 130-3	3" Pocket Clip
3	C 510	5/16" x 10" Square	3	VO 2	Regular Offset
3	C 612	3/8" x 12" Square	3	P 120	Phillips Offset

Size 24" x 24" x 6". 120 Screw Drivers. Wt. 28 lbs.

Electronics and Electrical Screw Driver and Nut Driver Display No. V 227

Quan.	Stock No.	Description	Quan.	Stock No.	Description
6	HS 6	3/16" Nut Driver	3	DUH 4	Reversible
6	HS 8	1/4" Nut Driver	3	A 132	1/4" Stubby
6	HS 10	5/16" Nut Driver	6	AN 2	High Frequency Tester
6	HS 11	11/32" Nut Driver	6	A 130-2	1/8" x 2" Pocket Clip
6	HS 12	3/8" Nut Driver	6	A 130-3	1/8" x 3" Pocket Clip
6	HS 14	7/16" Nut Driver	6	A 116-2	3/32" x 2" Pocket Clip
6	HS 16	1/2" Nut Driver	6	A 116-3	3/32" x 3" Pocket Clip
3	HSS 8	1/4" Stubby Nut Driver	6	VR 281	1/8" x 8" Insulated Blade
3	HSS 10	5/16" Stubby Nut Driver	6	VR 361	3/16" x 6" Insulated Blade
2	HSS 12	3/8" Stubby Nut Driver	6	OK 38	3/16" x 8" Screw Holding
6	A 216-4	1/8" x 4" Round	6	OK 36	3/16" x 6" Screw Holding
6	A 216-6	1/8" x 6" Round	6	OK 28	1/8" x 8" Screw Holding
6	A 216-8	1/8" x 8" Round	6	OK 26	1/8" x 6" Screw Holding
6	A 316-4	3/16" x 4" Round	6	AT 55	5" Bone Fiber Aligner
6	A 316-6	3/16" x 6" Round	6	AT 510	10" Bone Fiber Aligner
6	A 316-8	3/16" x 8" Round	6	VB 210	1/8" x 10" Beryllium Copper
6	A 416-4	1/4" x 4" Round	3	VO 2	Regular Offset
6	A 416-6	1/4" x 6" Round	3	P 120	Phillips Offset
3	A 516-8	5/16" x 8" Round			
6	P 01	No. 0 Phillips			
6	P 1	No. 1 Phillips			
6	P 2	No. 2 Phillips			
3	P 5	No. 2 Stubby Phillips			
3	P 6	No. 1 Stubby Phillips			
6	DU 2	Reversible			

Size 24" x 24" x 6". 227 Screw and Nut Drivers. Wt. 33 lbs.



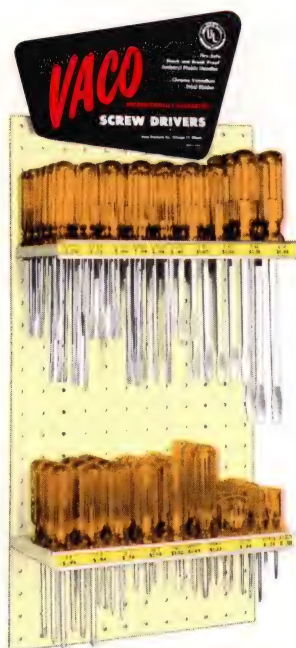
V 227



Vari-Board® Merchandisers



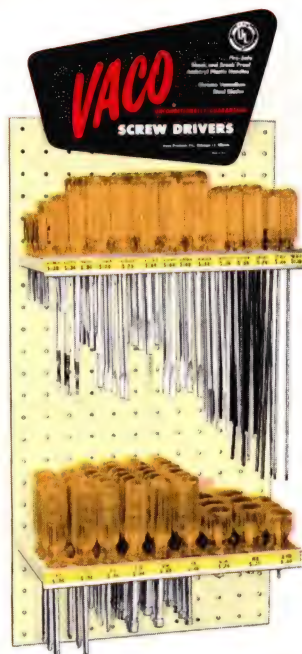
There's a Vari-Board® for Every Need



**Hardware Economy
Screw Driver Display No. V72**

Quan.	Stock No.	Description
6	A 316-4	3/16" x 4" Round
6	A 316-6	3/16" x 6" Round
6	A 416-4	1/4" x 4" Round
6	A 416-6	1/4" x 6" Round
3	C 44	1/4" x 4" Square
3	C 46	1/4" x 6" Square
3	C 56	3/16" x 6" Square
3	C 58	3/16" x 8" Square
6	P 1	No. 1 Phillips
6	P 2	No. 2 Phillips
6	DU 2	Reversible
3	DUH 4	Reversible
3	A 132	1/4" Stubby
6	A 130-2	2" Pocket Clip
6	A 130-3	3" Pocket Clip

Size 12" x 24" x 6".
72 Screw Drivers. Wt. 17 lbs.



**Electronics Economy Screw &
Nut Driver Display No. V111**

Quan.	Stock No.	Description
6	HS 8	1/4" Nut Driver
6	HS 10	3/16" Nut Driver
6	HS 12	3/8" Nut Driver
3	HSS 8	1/4" Stubby Nut Driver
3	HSS 10	3/16" Stubby Nut Driver
6	A 216-6	1/8" x 6" Round
6	A 216-8	1/8" x 8" Round
6	A 316-4	3/16" x 4" Round
6	A 316-6	3/16" x 6" Round
6	A 416-4	1/4" x 4" Round
6	A 416-6	1/4" x 6" Round
3	A 132	1/4" Stubby
6	P 1	No. 1 Phillips
6	P 2	No. 2 Phillips
6	A 130-2	1/8" x 2" Pocket Clip
6	A 116-2	3/32" x 2" Pocket Clip
6	OK 26	1/8" x 6" Screw Holding
6	VR 281	1/8" x 8" Insulated Blade
6	AT 510	10" Bone Fiber Aligner
6	VB 210	1/8" x 10" Beryllium Copper

Size 12" x 24" x 6".
111 Screw and Nut Drivers. Wt. 18 lbs.



**Automotive and Hardware
Supplementary Display No. V70**

Quan.	Stock No.	Description
3	OK 58	3/16" x 8" Screw Holding
3	OK 56	3/16" x 6" Screw Holding
3	OK 48	1/4" x 8" Screw Holding
3	OK 46	1/4" x 6" Screw Holding
6	OK 38	3/16" x 8" Screw Holding
6	OK 36	3/16" x 6" Screw Holding
6	OK 34	3/16" x 4" Screw Holding
6	OK 28	1/8" x 8" Screw Holding
6	OK 26	1/8" x 6" Screw Holding
6	OK 24	1/8" x 4" Screw Holding
3	CH 51	3/32" Stubby Clutch Head
3	CH 61	3/32" Stubby Clutch Head
3	CH 43	1/8" x 3" Clutch Head
6	CH 54	3/32" x 4 1/2" Clutch Head
6	CH 64	3/32" x 4 1/2" Clutch Head
3	CH 86	1/4" x 6" Clutch Head
3	CH 106	3/16" x 6" Clutch Head

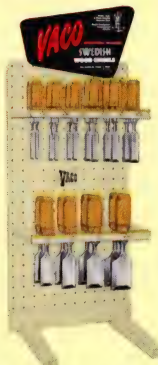
Size 12" x 24" x 6".
75 Screw Drivers. Wt. 14 lbs.

Nut Driver, Wood Chisel and Plier Displays



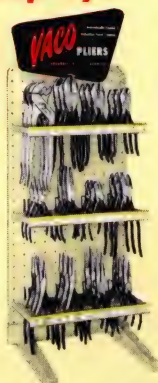
**Nut Driver
Vari-Boards**

Your choice of two displays featuring Hollow Shaft Nut Drivers in color. See Page 17 for complete listings.



**Wood Chisel
Vari-Board**

Contains two each of 10 popular sizes of Wood Chisels. See Page 30 for complete list of contents.



**Plier
Vari-Boards**

Your choice of 5 Plier assortments . . . master, hardware, automotive, radio and TV, electrical. For complete details see Page 34.

In addition to the complete Vari-Board merchandisers shown on these pages, VACO also offers individual shelves of screw drivers, nut drivers, wood chisels and pliers for your own selection. See Page 39 for handy shelf reference guide.



Revolving Vari-Board®



No. V 400 ...The Aristocrat of All Tool Display Merchandisers

Now for the first time you can get a self-service VACO Vari-Board offering a complete line of popular hand tools for the hardware, automotive, radio and TV, and electrical trades. The deluxe VACO V 400 consists of four 12"x24" Vari-Board sections mounted at the center. The entire display pivots on its base so customers can select from any shelf merely by turning the display to the type of merchandise desired. No other display offers such an attractive, concentrated selection in such a small space. Entire display occupies only 2'x2'. Can stand on any counter, island or table . . . a real sales builder.



Self-Revolving Turntable (Motor Driven)

Movement . . . always an additional attention-getter . . . is available for the V 400 at extra cost. Ask about VACO's motor-driven turntable complete with platform to accommodate the V 400 display. Operates from any 110 v. 60 cycle A.C. outlet.



Revolves in Either Direction
Available in 4 Basic Assortments . . .
One for Your Particular Requirements

Hardware Assortment V 400H

Contains Screw Drivers, Pliers, Wood Chisels on following shelves:

- Panel 1—Shelves 1 & 3
- Panel 2—Shelves 2 & 4
- Panel 3—Shelves 15 & 16
- Panel 4—Shelves 17-7, 17-8, 17-9

Total of 170 pieces
Weight, 80 lbs.

1	2	15	17-7
			17-8
3	4	16	17-9

Automotive Assortment V 400A

Contains Screw Drivers and Pliers on following shelves:

- Panel 1—Shelves 1 & 3
- Panel 2—Shelves 2 & 4
- Panel 3—Shelves 13 & 14
- Panel 4—Shelves 17-10, 17-11, 17-12

Total of 225 pieces
Weight, 75 lbs.

1	2	13	17-10
			17-11
3	4	14	17-12

Radio-TV Assortment V 400R

Contains Screw Drivers, Nut Drivers and Pliers on following shelves:

- Panel 1—Shelves 7 & 9
- Panel 2—Shelves 8 & 10
- Panel 3—Shelves 18-3 & 18-6
- Panel 4—Shelves 17-13, 17-14, 17-15

Total of 341 pieces
Weight, 80 lbs.

7	8	18-6	17-13
			17-14
9	10	18-3	17-15

Electrical Assortment V 400E

Contains Screw Drivers, Wood Chisels and Pliers on following shelves:

- Panel 1—Shelves 1 & 3
- Panel 2—Shelves 2 & 7
- Panel 3—Shelves 15 & 16
- Panel 4—Shelves 17-16, 17-17, 17-18

Total of 179 pieces
Weight, 80 lbs.

1	2	15	17-16
			17-17
3	7	16	17-18

For Guide to Individual Vari-Board Shelves Listed Above, See Next Page

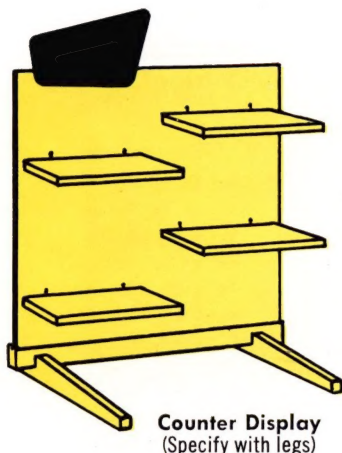


Vari-Boards® - How to Use Them

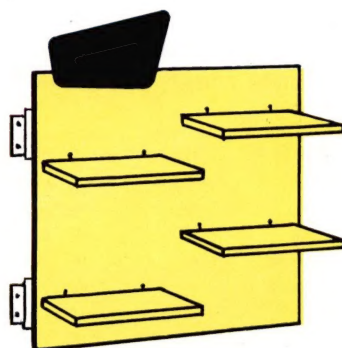


Versatile VACO Vari-Boards Permit Any Desired Tool Arrangement

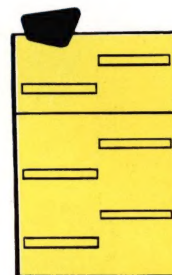
Order complete boards for Wall, Counter or Combination Use . . .
Vari-Boards come in two basic sizes — 24" x 24" and 12" x 24"



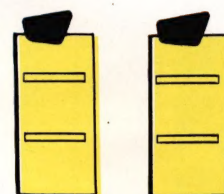
Counter Display
(Specify with legs)



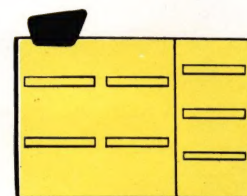
Hinged Display
(Use any type of hinge)



Wall Display
One 12" x 24"; One 24" x 24"

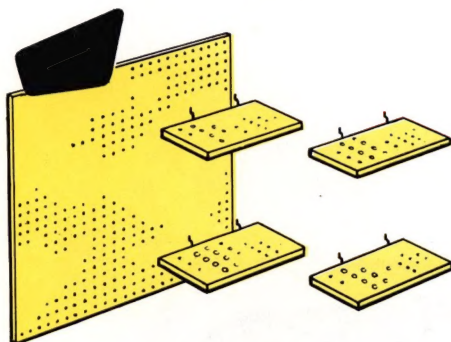


Wall Panel Effect
Two 12" x 24"

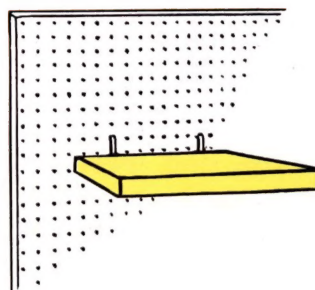


Wall Display
One 24" x 24";
One 12" x 24"

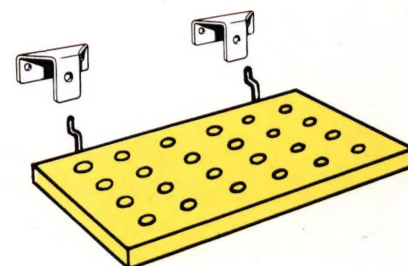
Order Shelves of Your Own Choice . . .



For Use With VACO Vari-Board Panels. (Panel furnished free with purchase of shelves with stock.)



For Use With Your Present Perforated Backboards. Fits any Masonite or Metal Panel with 1" center holes.



For Use With Vari-Board Brackets on Doors, Shelves, or any Surface. Perforated backboard not required. (Brackets supplied free of charge.)

Size of individual shelves: 11" wide x 6" deep except 18-1 thru 18-8 which measure 11" x 7"

HANDY VARI-BOARD SHELF GUIDE

Here is a list of individual Vari-Board Shelves now available. Turn to page numbers shown for detailed descriptions of shelves and stock.

	Page		Page
Shelf No. 1 (Squares)	6	Shelf No. 15 (Wood Chisels)	30
Shelf No. 2 (Phillips)	8	Shelf No. 16 (Wood Chisels)	30
Shelf No. 3 (Specials)	11	Shelves No. 17-1	
Shelf No. 4 (Rounds)	4	thru 17-18 (Pliers)	34
Shelf No. 5 (Rounds & Squares)	4-6	Shelves No. 18-1	
Shelf No. 6 (Specials)	11	thru 18-8 (Color Keyed Nut Drivers)	17
Shelf No. 7 (Rounds)	4	Shelf No. 19 (Insulated)	19
Shelf No. 8 (Radio & TV Specials)	21	Shelf No. 20 (Reversibles)	11
Shelf No. 9 (Specials)	8	Shelf No. 21 (Reed & Prince)	10
Shelf No. 10 (Nut Drivers)	18	Shelf No. 22 (Robertson)	10
Shelf No. 11 (Radio & TV Specials)	21		
Shelf No. 12 (Screw & Nut Drivers)	18	Offset Hanger Set O	8-12
Shelf No. 13 (Screw Holding)	13	Offset Hanger Set OP	8
Shelf No. 14-14G (Clutch Heads)	9	Offset Hanger Set OR	12

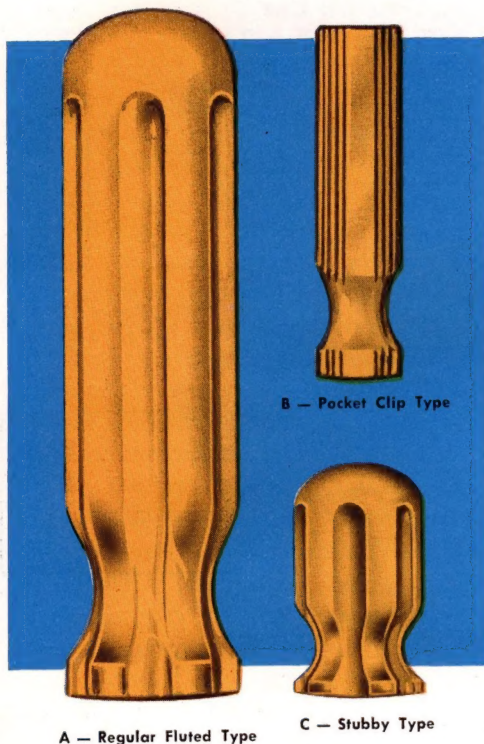


Break-Proof, Shock-Proof Handles



**Made of Famous VACO Fire-Safe Amberyl® ...
A Superb Handle for All Purposes!**

■ No better handles at any price! May be used as original equipment or as replacements. Not affected by most acids, alkalies, oils, chemicals! Will not support combustion! Lightweight, yet tough . . . break-proof and shock-proof!



A — Regular Fluted Type

B — Pocket Clip Type

C — Stubby Type

Stock No.	Type	Handle Size	Drilled Hole Size
N 3810	Hexagon	1/4" x 1 3/8"	3/32" x 1/2" Round
N 2410	B	1 3/32" x 1 3/4"	3/32" x 1/2" Round
N 930	B	1/2" x 1 1/8"	1/8" x 1" Round
N 4870	B	1/2" x 2 1/2"	3/32" x 5/8" Round
N 2220	A	5/8" x 2 3/4"	1/8" x 1" Round
N 3330	A	3/4" x 3"	1/8" x 1" Round
N 2430	A	7/8" x 3 1/2"	3/16" x 1 3/4" Round or 1/4" x 1 3/4" Round
N 2980	A	1" x 3 5/8"	1/4" x 1 3/4" Round
N 3000	A	1 1/16" x 4"	5/16" x 2" Round
N 3180	A	1 1/8" x 4 1/4"	5/16" x 2" Round or 5/16" x 2" Square
N 4000	A	1 3/16" x 4 1/2"	1/4" x 1 3/4" Round 3/8" x 2 1/2" Round 3/8" x 2 1/2" Square
N 5100	A	1 1/4" x 5 1/4"	3/8" x 2 1/2" Square
N 4130	C	1 1/8" x 1 3/4"	3/16" x 1 1/4" Round
N 5500	C	1 1/4" x 2 1/8"	1/4" x 1 1/4" Round

14 Styles and Sizes! Write for Complete Information and Quantity Prices

Personalized Advertising and Premium Screw Drivers for Christmas Giving or for Promotions All Year 'Round.

Keep *your* name always in front of your customers by remembering them on gift occasions with one of the many, many, fine VACO gift sets. No matter what the occasion . . . there's a VACO personalized tool to suit every budget . . . and you are assured of lasting good will for your company because a gift of VACO tools represents the best that money can buy.

AD 1 Screw Driver



A unique giveaway. Overall length only 2 3/4" . . . yet it is a real tool. Ideal for all types of promotions.

Other Personalized Screw Drivers

Any screw driver in the extensive VACO line may be specially imprinted with your name and address in quantity lots for any type of gift occasion or special promotion.

*Write for FREE Premium
and Gift Brochure*



VACO GIFT SETS

Every one of the many fine VACO gift sets available combines famous VACO quality with deluxe packaging to create continued good will for your company. Only VACO offers such a complete selection . . . only VACO helps you meet every need. Every set is economically priced . . . from the simplest to the finest.



Plants and Facilities

TWO PLANTS TO SERVE YOU

A never-ending developmental program carried on at two points—Vaco's Chicago plant and Vaco's Jonesville, Michigan plant—assure Vaco users a constantly improved product. Adequate production facilities assure a steady flow of precision-built tools meeting highest standards in every respect.

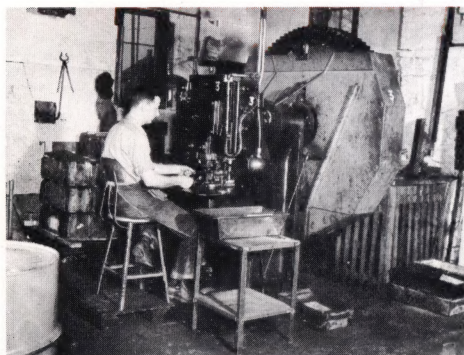
PLANT NO. 1
CHICAGO



PLANT NO. 2—JONESVILLE

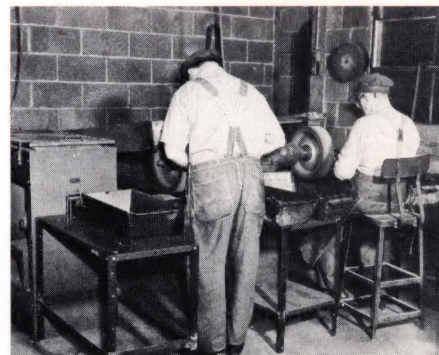


QUALITY MANUFACTURING METHODS USED THROUGHOUT



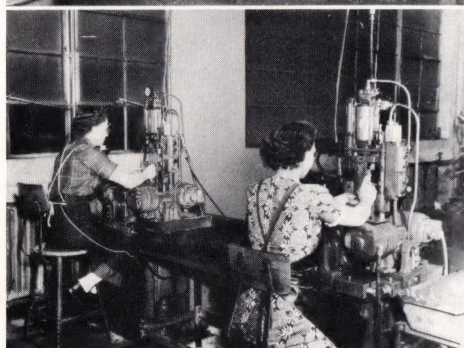
FORGING

From choice of raw materials to packaging of the finished product, every phase of manufacturing is rigidly controlled by Vaco. Photo shows forging operation used in shaping regular bits.



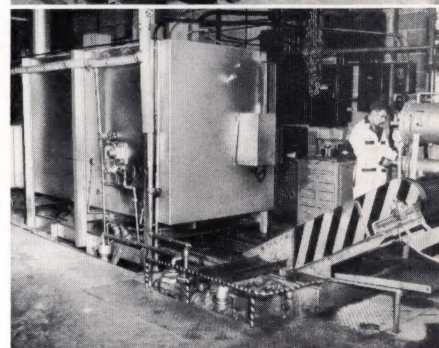
GRINDING

All Vaco drivers are ground to final size. Shanks, bit sides and flats are processed through an ingenious system of grinders for true proportions throughout. Photo shows operators grinding blade surfaces.



FABRICATING

Special Vaco-designed machinery along with other precision equipment permits fast but accurate fabrication of regular and special blades. Photo shows two of the unusual perpendicular mills used for high speed manufacturing.



HEAT TREATING

One reason why Vaco blades have the toughness and strength that assure long life is Vaco's precision method of tempering blades. Photo shows huge General Electric thermostatically controlled furnace and oil bath for producing absolute uniformity and accurate tempering of special, high alloy steels.

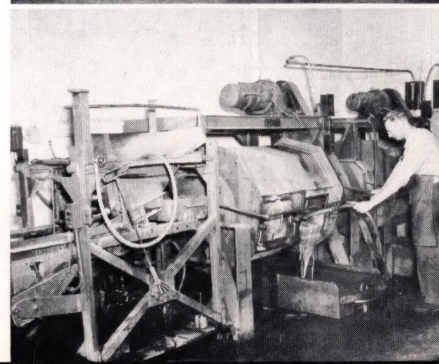


TESTING

The final phases of quality control are torsion (twisting) and hardness tests. Photo shows inspector taking "Rockwell" reading for hardness...which is done with each lot of blades.

"TUMBLING"

The last operation in blade manufacturing prior to adding blade finish is cleaning to remove scale and oxides. Photo shows tumbling drums and flushing apparatus for washing away dirt after blades have been cleaned.





VACO®

Unconditional Guarantee

VACO® Screw Drivers, Nut Drivers, Pliers and Wood Chisels are guaranteed against all defects. Should any product of VACO manufacture fail to give a full measure of satisfaction it will be replaced upon being returned to us.

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